



**SecurOS 11.0
ISS Integrated Device Pack 6.3
Supported Hardware List**

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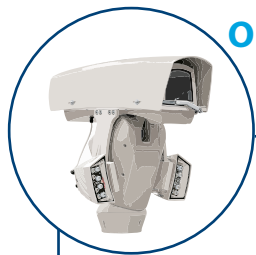
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* ONVIF is a standard protocol for security device integration that is supported by SecurOS. The supported list of vendors is not limited to those listed above, but also covers all Onvif integrations listed on the Onvif website. You can access the Onvif list via the link on the Onvif page of this document. The camera list above represents vendors supported by the vendor native API, via Onvif only, or both.

Disclaimer:

- This document text is intended for general information purposes only.
- Any risk arising from the use of this information rests with the recipient, and nothing herein should be construed as constituting any kind of warranty.
- All information in this document is subject to change without notice. Contact your ISS representative to obtain the latest updates on ISS products and solutions specifications.

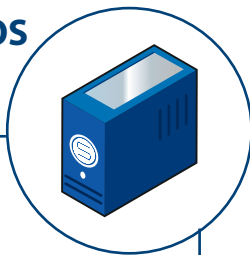


ONVIF Compatible Camera



ONVIF Conformant Cameras

SecurOS



Live Video

- Decoding: H.265, H.264, MPEG4 and MJPEG codecs
- Streaming: RTP/RTSP/TCP, RTP/UDP Unicast and Multicast, RTP/RTSP/HTTP/TCP, RTP/RTSP/HTTPS/TCP

Live Video

Live Video SecurOS features

- Multistreaming up to 3 streams
- Network latency compensation
- Video On Demand (VoD) mode
- Dewarping for fisheye cameras

Camera side storage

- Decoding: H.265 and H.264 codecs

Edge Storage

Archive Video SecurOS features

- EdgeStorage Sync
- EdgeStorage Gate

Live audio

- Audio ways: Microphone
- Decoding: G.711 and AAC codecs
- Streaming: RTP/RTSP/TCP, RTP/UDP Unicast and Multicast, RTP/RTSP/HTTP/TCP, RTP/RTSP/HTTPS/TCP

Live Audio

Camera controls

- Continuous Pan, Tilt and Zoom move
- Presets
- Tours
- Relays (outputs)

PTZ Control

PTZ Control SecurOS features

- Tours by key points based on absolute coordinates
- Illumination control
- Wiper control

Image Controls

- Manual and Auto Focus
- Manual and Auto Iris
- Exposure, Gain, Brightness, Color saturation, Sharpness and Contrast
- IR filter, White balance, Backlight compensation and WDR mode

Image Adjust

Metadata Receiving

- Sensor Event (inputs)
- Direct Event Streaming from built-in Analytics

Metadata Receiving

Network environment

- Multicast/Unicast streaming;
- Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Network environment

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- Features listed above are those supported by SecurOS through the ONVIF protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation. ISS recommends to do testing of particular models before using these models in a commercial system.

Preferred Integration Protocol: CGI (native protocol)

Video: All channels available in device; up to 3 streams; H.264, MJPEG codecs

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Supported Protocols: ONVIF, GenericRTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Arecont MegaDome 4K Series Camera	AV08ZMD-400	supported by specification
Arecont MegaVideo 4K Series Camera	AV08ZMV-300	supported by specification
Arecont MegaVideo Series Camera	AV10005	supported by specification
Arecont MegaVideo Series Camera	AV10005DN	supported by specification
Arecont MegaVideo Compact Series Camera	AV10115	ver.65210
Arecont MegaVideo Compact Series Camera	AV10115AI	supported by specification
Arecont MegaVideo Compact Series Camera	AV10115DN	supported by specification
Arecont MegaVideo Compact Series Camera	AV10115DNAIv1	supported by specification
Arecont MegaVideo Compact Series Camera	AV10115DNv1	supported by specification
Arecont MegaVideo Compact Series Camera	AV10115v1	supported by specification
Arecont MegaVideo G5 Series Camera	AV10215DN	supported by specification
Arecont MegaVideo G5 Series Camera	AV10215PM-S	supported by specification
Arecont MegaView 2 Series Camera	AV10225PMIR	supported by specification
Arecont MegaView 2 Series Camera	AV10225PMIR-S	supported by specification
Arecont MegaView 2 Series Camera	AV10225PMTIR	supported by specification
Arecont MegaView 2 Series Camera	AV10225PMTIR-S	supported by specification
Arecont MegaDome 2 Series Camera	AV10255	supported by specification
Arecont MegaDome 2 Series Camera	AV10255AMIR	supported by specification
Arecont MegaDome 2 Series Camera	AV10255AMIR-H	supported by specification
Arecont MegaDome 2 Series Camera	AV10255PMIR-SH	supported by specification
Arecont MegaDome 2 Series Camera	AV10255PMTIR-H	supported by specification
Arecont MegaDome 2 Series Camera	AV10255PMTIR-SH	supported by specification
Arecont MegaDome G3 Series Camera	AV10355PMIR-SH	supported by specification
Arecont MegaDome G3 Series Camera	AV10355PMTIR-SH	supported by specification
Arecont MicroDome Duo Series Camera	AV10655DN-08	supported by specification
Arecont MicroDome Duo Series Camera	AV10655DN-28	supported by specification
Arecont MicroDome Duo Series Camera	AV10655DN-NL	supported by specification
Arecont MegaVideo Compact Series Camera	AV1115	supported by specification
Arecont MegaVideo Compact Series Camera	AV1115DNAIv1	supported by specification
Arecont MegaVideo Compact Series Camera	AV1115DNv1	supported by specification
Arecont MegaVideo Compact Series Camera	AV1115v1	supported by specification
Arecont MegaView Series Camera	AV1125	supported by specification
Arecont MegaView Series Camera	AV1125DNv1	supported by specification
Arecont MegaView Series Camera	AV1125DNv1x	supported by specification
Arecont MegaView Series Camera	AV1125IR	supported by specification
Arecont MegaView Series Camera	AV1125IRv1	supported by specification
Arecont MegaView Series Camera	AV1125IRv1x	supported by specification
Arecont MegaBall Series Camera	AV1145	ver.65225
Arecont MegaBall Series Camera	AV1145-3310-D	supported by specification
Arecont MegaBall Series Camera	AV1145-3310-W	supported by specification
Arecont MegaBall Series Camera	AV1145DN-3310-D	supported by specification
Arecont MegaBall Series Camera	AV1145DN-3310-D-LG	supported by specification
Arecont MegaBall Series Camera	AV1145DN-3310-W	supported by specification
Arecont MegaVideo Flex Series Camera	AV1195DN	supported by specification
Arecont MegaVideo Flex Series Camera	AV1195DN-NL	supported by specification
Arecont MegaVideo G5 Series Camera	AV1215PM-S	supported by specification
Arecont SurroundVideo Omni Series Camera	AV12175DN-08	supported by specification
Arecont SurroundVideo Omni Series Camera	AV12175DN-28	supported by specification
Arecont SurroundVideo Omni Series Camera	AV12175DN-NL	supported by specification
Arecont SurroundVideo Omni Series Camera	AV12176DN-08	supported by specification
Arecont SurroundVideo Omni Series Camera	AV12176DN-28	supported by specification

Preferred Integration Protocol: CGI (native protocol)

Video: All channels available in device; up to 3 streams; H.264, MJPEG codecs

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Supported Protocols: ONVIF, GenericRTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Arecont SurroundVideo Omni Series Camera	AV12176DN-NL	supported by specification
Arecont SurroundVideo Series Camera	AV12186	supported by specification
Arecont SurroundVideo Series Camera	AV12186DN	supported by specification
Arecont MegaView 2 Series Camera	AV1225PMIR-S	supported by specification
Arecont SurroundVideo Omni G2 Series Camera	AV12275DN-08	supported by specification
Arecont SurroundVideo Omni G2 Series Camera	AV12275DN-28	supported by specification
Arecont SurroundVideo Omni G2 Series Camera	AV12275DN-NL	supported by specification
Arecont SurroundVideo Omni G2 Series Camera	AV12276DN-08	supported by specification
Arecont SurroundVideo Omni G2 Series Camera	AV12276DN-28	supported by specification
Arecont SurroundVideo Omni G2 Series Camera	AV12276DN-NL	supported by specification
Arecont SurroundVideo Series Camera	AV12366DN	supported by specification
Arecont SurroundVideo G5 Series Camera	AV12366PM	supported by specification
Arecont SurroundVideo G5 Series Camera	AV12367PM	supported by specification
Arecont SurroundVideo Omni G3 Series Camera	AV12375RS	supported by specification
Arecont SurroundVideo Omni G3 Series Camera	AV12376RS	supported by specification
Arecont MegaBall G2 Series Camera	AV1245PMIR-SB-LG	supported by specification
Arecont MegaDome 2 Series Camera	AV1255	supported by specification
Arecont MegaDome 2 Series Camera	AV1255AM	supported by specification
Arecont MegaDome 2 Series Camera	AV1255DN-H	supported by specification
Arecont MegaDome 2 Series Camera	AV1255PMIR-S	supported by specification
Arecont MegaDome 2 Series Camera	AV1255PMIR-SH	supported by specification
Arecont MegaDome 2 Series Camera	AV1255PM-S	supported by specification
Arecont MegaDome 2 Series Camera	AV1255PM-SH	supported by specification
Arecont SurroundVideo G5 Mini Series Camera	AV12565DN	supported by specification
Arecont SurroundVideo G5 Mini Series Camera	AV12566DN	supported by specification
Arecont SurroundVideo G5 Mini Series Camera	AV12585DN	supported by specification
Arecont SurroundVideo G5 Series Camera	AV12585PM	supported by specification
Arecont SurroundVideo G5 Mini Series Camera	AV12586DN	supported by specification
Arecont SurroundVideo G5 Series Camera	AV12586PM	supported by specification
Arecont SurroundVideo Omni SX Camera	AV12975DN-08	supported by specification
Arecont SurroundVideo Omni SX Camera	AV12975DN-28	supported by specification
Arecont SurroundVideo Omni SX Camera	AV12975DN-NL	supported by specification
Arecont SurroundVideo Omni SX Camera	AV12976DN-08	supported by specification
Arecont SurroundVideo Omni SX Camera	AV12976DN-28	supported by specification
Arecont SurroundVideo Omni SX Camera	AV12976DN-NL	supported by specification
Arecont MegaDome UltraHD Series Camera	AV12ZMD-401	supported by specification
Arecont MegaVideo UltraHD Series Camera	AV12ZMV-301	supported by specification
Arecont MegaVideo Series Camera	AV1300	supported by specification
Arecont MegaVideo Series Camera	AV1300-Ai	supported by specification
Arecont MegaVideo Series Camera	AV1300DN	supported by specification
Arecont MegaVideo Series Camera	AV1300M	ver.64328
Arecont MegaVideo Series Camera	AV1305	supported by specification
Arecont MegaVideo Series Camera	AV1305-Ai	supported by specification
Arecont MegaVideo Series Camera	AV1305DN	ver.65130
Arecont MegaVideo Compact Series Camera	AV1310	ver.65142
Arecont MegaVideo Compact Series Camera	AV1310DN	supported by specification
Arecont MegaVideo Compact Series Camera	AV1315	supported by specification
Arecont MegaView Series Camera	AV1325	supported by specification
Arecont MegaDome Series Camera	AV1355	supported by specification
Arecont MegaDome Series Camera	AV1355-16	supported by specification
Arecont MegaDome Series Camera	AV1355-16HK	supported by specification
Arecont MegaDome Series Camera	AV1355-1HK	supported by specification

Preferred Integration Protocol: CGI (native protocol)

Video: All channels available in device; up to 3 streams; H.264, MJPEG codecs

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Supported Protocols: ONVIF, GenericRTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Arecont MegaDome Series Camera	AV1355DN	supported by specification
Arecont MegaDome Series Camera	AV1355DN-16	supported by specification
Arecont MegaDome Series Camera	AV1355DN-16HK	supported by specification
Arecont MegaDome Series Camera	AV1355DN-1HK	ver.65139
Arecont MegaDome G3 Series Camera	AV1355PMIR-S	supported by specification
Arecont MegaDome G3 Series Camera	AV1355PM-S	supported by specification
Arecont MicroDome Series Camera	AV1455	supported by specification
Arecont MicroDome Series Camera	AV1455DN-F	supported by specification
Arecont MicroDome Series Camera	AV1455DN-F-NL	supported by specification
Arecont MicroDome Series Camera	AV1455DN-S	supported by specification
Arecont MicroDome Series Camera	AV1455DN-S-NL	supported by specification
Arecont MicroDome G2 Series Camera	AV1555DN-F	supported by specification
Arecont MicroDome G2 Series Camera	AV1555DN-F-NL	supported by specification
Arecont MicroDome G2 Series Camera	AV1555DNIR-S	supported by specification
Arecont MicroDome G2 Series Camera	AV1555DNIR-S-NL	supported by specification
Arecont MicroDome G2 Series Camera	AV1555DN-S	supported by specification
Arecont MicroDome G2 Series Camera	AV1555DN-S-NL	supported by specification
Arecont SurroundVideo Omni Series Camera	AV20175DN-08	supported by specification
Arecont SurroundVideo Omni Series Camera	AV20175DN-28	supported by specification
Arecont SurroundVideo Omni Series Camera	AV20175DN-NL	supported by specification
Arecont SurroundVideo Series Camera	AV20185	supported by specification
Arecont SurroundVideo Series Camera	AV20185CO	supported by specification
Arecont SurroundVideo Series Camera	AV20185DN	ver.65187
Arecont SurroundVideo Series Camera	AV20185DN-HB	supported by specification
Arecont SurroundVideo Omni G2 Series Camera	AV20275DN-08	supported by specification
Arecont SurroundVideo Omni G2 Series Camera	AV20275DN-28	supported by specification
Arecont SurroundVideo Omni G2 Series Camera	AV20275DN-NL	supported by specification
Arecont SurroundVideo Series Camera	AV20365	supported by specification
Arecont SurroundVideo Series Camera	AV20365CO	supported by specification
Arecont SurroundVideo Series Camera	AV20365DN	supported by specification
Arecont SurroundVideo Series Camera	AV20365DN-HB	supported by specification
Arecont SurroundVideo G5 Series Camera	AV20367PM	supported by specification
Arecont SurroundVideo Omni G3 Series Camera	AV20375RS	supported by specification
Arecont SurroundVideo G5 Mini Series Camera	AV20565DN	supported by specification
Arecont SurroundVideo G5 Mini Series Camera	AV20585DN	supported by specification
Arecont SurroundVideo G5 Series Camera	AV20585PM	supported by specification
Arecont SurroundVideo Omni SX Camera	AV20975DN-08	supported by specification
Arecont SurroundVideo Omni SX Camera	AV20975DN-28	supported by specification
Arecont SurroundVideo Omni SX Camera	AV20975DN-NL	supported by specification
Arecont MegaVideo Series Camera	AV2100	supported by specification
Arecont MegaVideo Series Camera	AV2100-Ai	supported by specification
Arecont MegaVideo Series Camera	AV2100DN	supported by specification
Arecont MegaVideo Series Camera	AV2100M	ver.64328
Arecont MegaVideo Series Camera	AV2105	ver.65009
Arecont MegaVideo Series Camera	AV2105-Ai	supported by specification
Arecont MegaVideo Series Camera	AV2105DN	supported by specification
Arecont MegaVideo Compact Series Camera	AV2110	ver.65141
Arecont MegaVideo Compact Series Camera	AV2110DN	supported by specification
Arecont MegaVideo Compact Series Camera	AV2115	supported by specification
Arecont MegaVideo Compact Series Camera	AV2115DNAIv1	supported by specification
Arecont MegaVideo Compact Series Camera	AV2115DNv1	supported by specification
Arecont MegaVideo Compact Series Camera	AV2115v1	supported by specification

Preferred Integration Protocol: CGI (native protocol)

Video: All channels available in device; up to 3 streams; H.264, MJPEG codecs

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Supported Protocols: ONVIF, GenericRTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Arecont MegaVideo Compact Series Camera	AV2116	supported by specification
Arecont MegaVideo Compact Series Camera	AV2116DN	supported by specification
Arecont MegaVideo Compact Series Camera	AV2116DNv1	supported by specification
Arecont MegaView Series Camera	AV2125	supported by specification
Arecont MegaView Series Camera	AV2125DNv1	supported by specification
Arecont MegaView Series Camera	AV2125DNv1x	supported by specification
Arecont MegaView Series Camera	AV2125IRv1	supported by specification
Arecont MegaView Series Camera	AV2125IRv1x	supported by specification
Arecont MegaBall Series Camera	AV2145	supported by specification
Arecont MegaBall Series Camera	AV2145-3310-D	supported by specification
Arecont MegaBall Series Camera	AV2145-3310-W	supported by specification
Arecont MegaBall Series Camera	AV2145DN-04-DA	supported by specification
Arecont MegaBall Series Camera	AV2145DN-04-DA-LG	supported by specification
Arecont MegaBall Series Camera	AV2145DN-04-WA	supported by specification
Arecont MegaBall Series Camera	AV2145DN-3310-D	supported by specification
Arecont MegaBall Series Camera	AV2145DN-3310-DA	supported by specification
Arecont MegaBall Series Camera	AV2145DN-3310-DA-LG	supported by specification
Arecont MegaBall Series Camera	AV2145DN-3310-D-LG	supported by specification
Arecont MegaBall Series Camera	AV2145DN-3310-W	supported by specification
Arecont MegaBall Series Camera	AV2145DN-3310-WA	supported by specification
Arecont MegaBall Series Camera	AV2146	supported by specification
Arecont MegaBall Series Camera	AV2146DN-3310-D	supported by specification
Arecont MegaBall Series Camera	AV2146DN-3310-D-LG	supported by specification
Arecont MegaBall Series Camera	AV2146DN-3310-W	supported by specification
Arecont MegaDome Series Camera	AV2155	supported by specification
Arecont MegaDome Series Camera	AV2155-16	supported by specification
Arecont MegaDome Series Camera	AV2155-16HK	supported by specification
Arecont MegaDome Series Camera	AV2155-1HK	supported by specification
Arecont MegaDome Series Camera	AV2155DN	ver.65140
Arecont MegaDome Series Camera	AV2155DN-16	supported by specification
Arecont MegaDome Series Camera	AV2155DN-16HK	supported by specification
Arecont MegaDome Series Camera	AV2155DN-1HK	supported by specification
Arecont MegaVideo Flex Series Camera	AV2195DN	supported by specification
Arecont MegaVideo Flex Series Camera	AV2195DN-NL	supported by specification
Arecont MegaVideo Flex Series Camera	AV2196DN	supported by specification
Arecont MegaVideo Flex Series Camera	AV2196DN-NL	supported by specification
Arecont MegaVideo G5 Series Camera	AV2215DN	supported by specification
Arecont MegaVideo G5 Series Camera	AV2215PM-S	supported by specification
Arecont MegaVideo G5 Series Camera	AV2216DN	supported by specification
Arecont MegaVideo G5 Series Camera	AV2216PM-S	supported by specification
Arecont MegaView 2 Series Camera	AV2225	supported by specification
Arecont MegaView 2 Series Camera	AV2225PMIR	supported by specification
Arecont MegaView 2 Series Camera	AV2225PMIR-A	supported by specification
Arecont MegaView 2 Series Camera	AV2225PMIR-S	supported by specification
Arecont MegaView 2 Series Camera	AV2225PMIR-SA	supported by specification
Arecont MegaView 2 Series Camera	AV2225PMTIR	supported by specification
Arecont MegaView 2 Series Camera	AV2225PMTIR-S	supported by specification
Arecont MegaView 2 Series Camera	AV2226	supported by specification
Arecont MegaView 2 Series Camera	AV2226PMIR	supported by specification
Arecont MegaView 2 Series Camera	AV2226PMIR-S	supported by specification
Arecont MegaView 2 Series Camera	AV2226PMTIR	supported by specification
Arecont MegaView 2 Series Camera	AV2226PMTIR-S	supported by specification

Preferred Integration Protocol: CGI (native protocol)

Video: All channels available in device; up to 3 streams; H.264, MJPEG codecs

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Supported Protocols: ONVIF, GenericRTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Arecont MegaBall 2 Series Camera	AV2245	supported by specification
Arecont MegaBall G2 Series Camera	AV2245PM-B-LG	supported by specification
Arecont MegaBall G2 Series Camera	AV2245PM-CVS	supported by specification
Arecont MegaBall 2 Series Camera	AV2245PM-D	supported by specification
Arecont MegaBall G2 Series Camera	AV2245PM-D-LG	supported by specification
Arecont MegaBall G2 Series Camera	AV2245PMIR-SBA-LG	supported by specification
Arecont MegaBall G2 Series Camera	AV2245PMIR-SB-LG	supported by specification
Arecont MegaBall 2 Series Camera	AV2245PM-W	supported by specification
Arecont MegaBall 2 Series Camera	AV2246	supported by specification
Arecont MegaBall G2 Series Camera	AV2246PM-B-LG	supported by specification
Arecont MegaBall 2 Series Camera	AV2246PM-D	supported by specification
Arecont MegaBall G2 Series Camera	AV2246PM-D-LG	supported by specification
Arecont MegaBall G2 Series Camera	AV2246PMIR-SB-LG	supported by specification
Arecont MegaBall 2 Series Camera	AV2246PM-W	supported by specification
Arecont MegaDome 2 Series Camera	AV2255	supported by specification
Arecont MegaDome 2 Series Camera	AV2255AM	supported by specification
Arecont MegaDome 2 Series Camera	AV2255AM-AH	supported by specification
Arecont MegaDome 2 Series Camera	AV2255AM-H	supported by specification
Arecont MegaDome 2 Series Camera	AV2255AMIR-AH	supported by specification
Arecont MegaDome 2 Series Camera	AV2255AMIR-H	supported by specification
Arecont MegaDome 2 Series Camera	AV2255DN	supported by specification
Arecont MegaDome 2 Series Camera	AV2255DN-H	supported by specification
Arecont MegaDome 2 Series Camera	AV2255PM-H	supported by specification
Arecont MegaDome 2 Series Camera	AV2255PMIR-SAH	supported by specification
Arecont MegaDome 2 Series Camera	AV2255PMIR-SH	supported by specification
Arecont MegaDome 2 Series Camera	AV2255PMTIR-H	supported by specification
Arecont MegaDome 2 Series Camera	AV2255PMTIR-SH	supported by specification
Arecont MegaDome 2 Series Camera	AV2256	supported by specification
Arecont MegaDome 2 Series Camera	AV2256DN	supported by specification
Arecont MegaDome 2 Series Camera	AV2256PM	supported by specification
Arecont MegaDome 2 Series Camera	AV2256PMIR	supported by specification
Arecont MegaDome 2 Series Camera	AV2256PMIR-S	supported by specification
Arecont MegaDome 2 Series Camera	AV2256PMTIR	supported by specification
Arecont MegaDome 2 Series Camera	AV2256PMTIR-S	supported by specification
Arecont MicroBullet Series Camera	AV2325DNIR	supported by specification
Arecont MicroBullet Series Camera	AV2326DNIR	supported by specification
Arecont MegaDome G3 Series Camera	AV2355PM-H	supported by specification
Arecont MegaDome G3 Series Camera	AV2355PMIR-SAH	supported by specification
Arecont MegaDome G3 Series Camera	AV2355PMIR-SH	supported by specification
Arecont MegaDome G3 Series Camera	AV2355PMTIR-SH	supported by specification
Arecont MegaDome G3 RS Series Camera	AV2355RS	supported by specification
Arecont MegaDome G3 Series Camera	AV2356PM	supported by specification
Arecont MegaDome G3 Series Camera	AV2356PMIR-S	supported by specification
Arecont MegaDome G3 Series Camera	AV2356PMTIR-S	supported by specification
Arecont MegaDome G3 RS Series Camera	AV2356RS	supported by specification
Arecont MicroDome Series Camera	AV2455	supported by specification
Arecont MicroDome Series Camera	AV2455DN-F	supported by specification
Arecont MicroDome Series Camera	AV2455DN-F-NL	supported by specification
Arecont MicroDome Series Camera	AV2455DN-S	supported by specification
Arecont MicroDome Series Camera	AV2455DN-S-NL	supported by specification
Arecont MicroDome Series Camera	AV2456	supported by specification
Arecont MicroDome Series Camera	AV2456DN-F	supported by specification

Preferred Integration Protocol: CGI (native protocol)

Video: All channels available in device; up to 3 streams; H.264, MJPEG codecs

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Supported Protocols: ONVIF, GenericRTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Arecont MicroDome Series Camera	AV2456DN-F-NL	supported by specification
Arecont MicroDome Series Camera	AV2456DN-S	supported by specification
Arecont MicroDome Series Camera	AV2456DN-S-NL	supported by specification
Arecont MicroDome G2 Series Camera	AV2555DN-F	supported by specification
Arecont MicroDome G2 Series Camera	AV2555DN-F-NL	supported by specification
Arecont MicroDome G2 Series Camera	AV2555DNIR-S	supported by specification
Arecont MicroDome G2 Series Camera	AV2555DNIR-S-NL	supported by specification
Arecont MicroDome G2 Series Camera	AV2555DN-S	supported by specification
Arecont MicroDome G2 Series Camera	AV2555DN-S-NL	supported by specification
Arecont MicroDome G2 Series Camera	AV2556DN-F	supported by specification
Arecont MicroDome G2 Series Camera	AV2556DN-F-NL	supported by specification
Arecont MicroDome G2 Series Camera	AV2556DNIR-S	supported by specification
Arecont MicroDome G2 Series Camera	AV2556DNIR-S-NL	supported by specification
Arecont MicroDome G2 Series Camera	AV2556DN-S	supported by specification
Arecont MicroDome G2 Series Camera	AV2556DN-S-NL	supported by specification
Arecont MegaVideo Series Camera	AV2805	ver.65192
Arecont MegaVideo Series Camera	AV2805-Ai	supported by specification
Arecont MegaVideo Series Camera	AV2805DN	ver.65192
Arecont MegaVideo Compact Series Camera	AV2815	supported by specification
Arecont MegaView Series Camera	AV2825	supported by specification
Arecont MegaVideo Series Camera	AV3100	supported by specification
Arecont MegaVideo Series Camera	AV3100-Ai	supported by specification
Arecont MegaVideo Series Camera	AV3100DN	supported by specification
Arecont MegaVideo Series Camera	AV3100M	ver.64328
Arecont MegaVideo Series Camera	AV3105	supported by specification
Arecont MegaVideo Series Camera	AV3105-Ai	supported by specification
Arecont MegaVideo Series Camera	AV3105DN	ver.65009
Arecont MegaVideo Compact Series Camera	AV3110	tested by customer
Arecont MegaVideo Compact Series Camera	AV3110DN	supported by specification
Arecont MegaVideo Compact Series Camera	AV3115	supported by specification
Arecont MegaVideo Compact Series Camera	AV3115DNAiv1	supported by specification
Arecont MegaVideo Compact Series Camera	AV3115DNv1	supported by specification
Arecont MegaVideo Compact Series Camera	AV3115v1	supported by specification
Arecont MegaVideo Compact Series Camera	AV3116	supported by specification
Arecont MegaVideo Compact Series Camera	AV3116DNv1	supported by specification
Arecont MegaView Series Camera	AV3125	supported by specification
Arecont MegaView Series Camera	AV3125DNv1	supported by specification
Arecont MegaView Series Camera	AV3125DNv1x	supported by specification
Arecont MegaView Series Camera	AV3125IRv1	supported by specification
Arecont MegaView Series Camera	AV3125IRv1x	supported by specification
Arecont MegaVideo Series Camera	AV3130	ver.62603
Arecont MegaVideo Series Camera	AV3130M	ver.62603
Arecont MegaVideo Series Camera	AV3135	supported by specification
Arecont MegaBall Series Camera	AV3145	ver.65225
Arecont MegaBall Series Camera	AV3145-3310-D	supported by specification
Arecont MegaBall Series Camera	AV3145-3310-W	supported by specification
Arecont MegaBall Series Camera	AV3145DN-3310-D	supported by specification
Arecont MegaBall Series Camera	AV3145DN-3310-D-LG	supported by specification
Arecont MegaBall Series Camera	AV3145DN-3310-W	supported by specification
Arecont MegaBall Series Camera	AV3146	supported by specification
Arecont MegaBall Series Camera	AV3146DN-04-DA	supported by specification
Arecont MegaBall Series Camera	AV3146DN-04-DA-LG	supported by specification

Preferred Integration Protocol: CGI (native protocol)

Video: All channels available in device; up to 3 streams; H.264, MJPEG codecs

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Supported Protocols: ONVIF, GenericRTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Arecont MegaBall Series Camera	AV3146DN-04-WA	supported by specification
Arecont MegaBall Series Camera	AV3146DN-04-WA-dupe	supported by specification
Arecont MegaBall Series Camera	AV3146DN-3310-D	supported by specification
Arecont MegaBall Series Camera	AV3146DN-3310-DA	supported by specification
Arecont MegaBall Series Camera	AV3146DN-3310-DA-LG	supported by specification
Arecont MegaBall Series Camera	AV3146DN-3310-D-LG	supported by specification
Arecont MegaBall Series Camera	AV3146DN-3310-W	supported by specification
Arecont MegaBall Series Camera	AV3146DN-3310-WA	supported by specification
Arecont MegaDome Series Camera	AV3155	supported by specification
Arecont MegaDome Series Camera	AV3155-16	supported by specification
Arecont MegaDome Series Camera	AV3155-16HK	supported by specification
Arecont MegaDome Series Camera	AV3155-1HK	supported by specification
Arecont MegaDome Series Camera	AV3155DN	supported by specification
Arecont MegaDome Series Camera	AV3155DN-16	supported by specification
Arecont MegaDome Series Camera	AV3155DN-16HK	supported by specification
Arecont MegaDome Series Camera	AV3155DN-1HK	ver.65140
Arecont MegaVideo Flex Series Camera	AV3195DN	supported by specification
Arecont MegaVideo Flex Series Camera	AV3195DN-NL	supported by specification
Arecont MegaVideo Flex Series Camera	AV3196DN	supported by specification
Arecont MegaVideo Flex Series Camera	AV3196DN-NL	supported by specification
Arecont MegaVideo G5 Series Camera	AV3215DN	supported by specification
Arecont MegaVideo G5 Series Camera	AV3215PM-S	supported by specification
Arecont MegaVideo G5 Series Camera	AV3216DN	supported by specification
Arecont MegaVideo G5 Series Camera	AV3216PM-S	supported by specification
Arecont MegaView 2 Series Camera	AV3225	supported by specification
Arecont MegaView 2 Series Camera	AV3225PMIR	supported by specification
Arecont MegaView 2 Series Camera	AV3225PMIR-S	supported by specification
Arecont MegaView 2 Series Camera	AV3225PMTIR	supported by specification
Arecont MegaView 2 Series Camera	AV3225PMTIR-S	supported by specification
Arecont MegaView 2 Series Camera	AV3226	supported by specification
Arecont MegaView 2 Series Camera	AV3226PMIR	supported by specification
Arecont MegaView 2 Series Camera	AV3226PMIR-A	supported by specification
Arecont MegaView 2 Series Camera	AV3226PMIR-S	supported by specification
Arecont MegaView 2 Series Camera	AV3226PMIR-SA	supported by specification
Arecont MegaView 2 Series Camera	AV3226PMTIR	supported by specification
Arecont MegaView 2 Series Camera	AV3226PMTIR-S	supported by specification
Arecont MegaVideo Compact Series Camera	AV3236DN	supported by specification
Arecont MegaBall 2 Series Camera	AV3245	supported by specification
Arecont MegaBall G2 Series Camera	AV3245PM-B-LG	supported by specification
Arecont MegaBall 2 Series Camera	AV3245PM-D	supported by specification
Arecont MegaBall G2 Series Camera	AV3245PM-D-LG	supported by specification
Arecont MegaBall G2 Series Camera	AV3245PMIR-SB-LG	supported by specification
Arecont MegaBall 2 Series Camera	AV3245PM-W	supported by specification
Arecont MegaBall 2 Series Camera	AV3246	supported by specification
Arecont MegaBall G2 Series Camera	AV3246PM-B-LG	supported by specification
Arecont MegaBall 2 Series Camera	AV3246PM-D	supported by specification
Arecont MegaBall G2 Series Camera	AV3246PM-D-LG	supported by specification
Arecont MegaBall G2 Series Camera	AV3246PMIR-SBA-LG	supported by specification
Arecont MegaBall G2 Series Camera	AV3246PMIR-SB-LG	supported by specification
Arecont MegaBall 2 Series Camera	AV3246PM-W	supported by specification
Arecont MegaDome 2 Series Camera	AV3255	supported by specification
Arecont MegaDome 2 Series Camera	AV3255AM	supported by specification

Preferred Integration Protocol: CGI (native protocol)

Video: All channels available in device; up to 3 streams; H.264, MJPEG codecs

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Supported Protocols: ONVIF, GenericRTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Arecont MegaDome 2 Series Camera	AV3255AM-H	supported by specification
Arecont MegaDome 2 Series Camera	AV3255AMIR-H	supported by specification
Arecont MegaDome 2 Series Camera	AV3255DN	supported by specification
Arecont MegaDome 2 Series Camera	AV3255DN-H	supported by specification
Arecont MegaDome 2 Series Camera	AV3255PM-H	supported by specification
Arecont MegaDome 2 Series Camera	AV3255PMIR-SH	supported by specification
Arecont MegaDome 2 Series Camera	AV3255PMTIR-H	supported by specification
Arecont MegaDome 2 Series Camera	AV3255PMTIR-SH	supported by specification
Arecont MegaDome 2 Series Camera	AV3256	supported by specification
Arecont MegaDome 2 Series Camera	AV3256DN	supported by specification
Arecont MegaDome 2 Series Camera	AV3256PM	supported by specification
Arecont MegaDome 2 Series Camera	AV3256PM-A	supported by specification
Arecont MegaDome 2 Series Camera	AV3256PMIR	supported by specification
Arecont MegaDome 2 Series Camera	AV3256PMIR-A	supported by specification
Arecont MegaDome 2 Series Camera	AV3256PMIR-S	supported by specification
Arecont MegaDome 2 Series Camera	AV3256PMIR-SA	supported by specification
Arecont MegaDome 2 Series Camera	AV3256PMTIR	supported by specification
Arecont MegaDome 2 Series Camera	AV3256PMTIR-S	supported by specification
Arecont MicroBullet Series Camera	AV3325DNIR	supported by specification
Arecont MicroBullet Series Camera	AV3326DNIR	supported by specification
Arecont MegaDome G3 Series Camera	AV3355PM-H	supported by specification
Arecont MegaDome G3 Series Camera	AV3355PMIR-SH	supported by specification
Arecont MegaDome G3 Series Camera	AV3355PMTIR-SH	supported by specification
Arecont MegaDome G3 RS Series Camera	AV3355RS	supported by specification
Arecont MegaDome G3 Series Camera	AV3356PM	supported by specification
Arecont MegaDome G3 Series Camera	AV3356PMIR-S	supported by specification
Arecont MegaDome G3 Series Camera	AV3356PMIR-SA	supported by specification
Arecont MegaDome G3 Series Camera	AV3356PMTIR-S	supported by specification
Arecont MegaDome G3 RS Series Camera	AV3356RS	supported by specification
Arecont MicroDome Series Camera	AV3455	supported by specification
Arecont MicroDome Series Camera	AV3455DN-F	supported by specification
Arecont MicroDome Series Camera	AV3455DN-F-NL	supported by specification
Arecont MicroDome Series Camera	AV3455DN-S	supported by specification
Arecont MicroDome Series Camera	AV3455DN-S-NL	supported by specification
Arecont MicroDome Series Camera	AV3456	supported by specification
Arecont MicroDome Series Camera	AV3456DN-F	supported by specification
Arecont MicroDome Series Camera	AV3456DN-F-NL	supported by specification
Arecont MicroDome Series Camera	AV3456DN-S	supported by specification
Arecont MicroDome Series Camera	AV3456DN-S-NL	supported by specification
Arecont MicroDome G2 Series Camera	AV3555DN-F	supported by specification
Arecont MicroDome G2 Series Camera	AV3555DN-F-NL	supported by specification
Arecont MicroDome G2 Series Camera	AV3555DNIR-S	supported by specification
Arecont MicroDome G2 Series Camera	AV3555DNIR-S-NL	supported by specification
Arecont MicroDome G2 Series Camera	AV3555DN-S	supported by specification
Arecont MicroDome G2 Series Camera	AV3555DN-S-NL	supported by specification
Arecont MicroDome G2 Series Camera	AV3556DN-F	supported by specification
Arecont MicroDome G2 Series Camera	AV3556DN-F-NL	supported by specification
Arecont MicroDome G2 Series Camera	AV3556DNIR-S	supported by specification
Arecont MicroDome G2 Series Camera	AV3556DNIR-S-NL	supported by specification
Arecont MicroDome G2 Series Camera	AV3556DN-S	supported by specification
Arecont MicroDome G2 Series Camera	AV3556DN-S-NL	supported by specification
Arecont SurroundVideo Series Camera	AV40185	supported by specification

Preferred Integration Protocol: CGI (native protocol)

Video: All channels available in device; up to 3 streams; H.264, MJPEG codecs

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Supported Protocols: ONVIF, GenericRTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Arecont SurroundVideo Series Camera	AV40185DN	supported by specification
Arecont SurroundVideo Series Camera	AV40185DN-HB	supported by specification
Arecont MicroDome Duo Series Camera	AV4655DN-08	supported by specification
Arecont MicroDome Duo Series Camera	AV4655DN-28	supported by specification
Arecont MicroDome Duo Series Camera	AV4655DN-NL	supported by specification
Arecont MicroDome Duo Series Camera	AV4656DN-08	supported by specification
Arecont MicroDome Duo Series Camera	AV4656DN-28	supported by specification
Arecont MicroDome Duo Series Camera	AV4656DN-NL	supported by specification
Arecont MegaVideo Series Camera	AV5100	supported by specification
Arecont MegaVideo Series Camera	AV5100-Ai	supported by specification
Arecont MegaVideo Series Camera	AV5100DN	supported by specification
Arecont MegaVideo Series Camera	AV5100M	supported by specification
Arecont MegaVideo Series Camera	AV5105	supported by specification
Arecont MegaVideo Series Camera	AV5105-Ai	supported by specification
Arecont MegaVideo Series Camera	AV5105DN	ver.65140
Arecont MegaVideo Compact Series Camera	AV5110	supported by specification
Arecont MegaVideo Compact Series Camera	AV5110DN	supported by specification
Arecont MegaVideo Compact Series Camera	AV5115	supported by specification
Arecont MegaVideo Compact Series Camera	AV5115DNAiv1	supported by specification
Arecont MegaVideo Compact Series Camera	AV5115DNv1	supported by specification
Arecont MegaVideo Compact Series Camera	AV5115v1	supported by specification
Arecont MegaView Series Camera	AV5125	supported by specification
Arecont MegaView Series Camera	AV5125DNv1	supported by specification
Arecont MegaView Series Camera	AV5125DNv1x	supported by specification
Arecont MegaView Series Camera	AV5125IRv1	supported by specification
Arecont MegaView Series Camera	AV5125IRv1x	supported by specification
Arecont MegaBall Series Camera	AV5145	supported by specification
Arecont MegaBall Series Camera	AV5145-3310-D	supported by specification
Arecont MegaBall Series Camera	AV5145-3310-W	supported by specification
Arecont MegaBall Series Camera	AV5145DN-3310-D	supported by specification
Arecont MegaBall Series Camera	AV5145DN-3310-DA	supported by specification
Arecont MegaBall Series Camera	AV5145DN-3310-DA-LG	supported by specification
Arecont MegaBall Series Camera	AV5145DN-3310-D-LG	supported by specification
Arecont MegaBall Series Camera	AV5145DN-3310-W	supported by specification
Arecont MegaBall Series Camera	AV5145DN-3310-WA	supported by specification
Arecont MegaDome Series Camera	AV5155	supported by specification
Arecont MegaDome Series Camera	AV5155-16	supported by specification
Arecont MegaDome Series Camera	AV5155-16HK	supported by specification
Arecont MegaDome Series Camera	AV5155-1HK	supported by specification
Arecont MegaDome Series Camera	AV5155DN	supported by specification
Arecont MegaDome Series Camera	AV5155DN-16	supported by specification
Arecont MegaDome Series Camera	AV5155DN-16HK	supported by specification
Arecont MegaDome Series Camera	AV5155DN-1HK	ver.65140
Arecont MegaVideo Flex Series Camera	AV5195DN	supported by specification
Arecont MegaVideo Flex Series Camera	AV5195DN-NL	supported by specification
Arecont MegaVideo G5 Series Camera	AV5215DN	supported by specification
Arecont MegaVideo G5 Series Camera	AV5215PM-S	supported by specification
Arecont MegaView 2 Series Camera	AV5225	supported by specification
Arecont MegaView 2 Series Camera	AV5225PMIR	supported by specification
Arecont MegaView 2 Series Camera	AV5225PMIR-A	supported by specification
Arecont MegaView 2 Series Camera	AV5225PMIR-S	supported by specification
Arecont MegaView 2 Series Camera	AV5225PMIR-SA	supported by specification

Preferred Integration Protocol: CGI (native protocol)

Video: All channels available in device; up to 3 streams; H.264, MJPEG codecs

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Supported Protocols: ONVIF, GenericRTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Arecont MegaView 2 Series Camera	AV5225PMTIR	supported by specification
Arecont MegaView 2 Series Camera	AV5225PMTIR-S	supported by specification
Arecont MegaBall 2 Series Camera	AV5245	supported by specification
Arecont MegaBall 2 Series Camera	AV5245DN-01-D	supported by specification
Arecont MegaBall 2 Series Camera	AV5245DN-01-DA	supported by specification
Arecont MegaBall G2 Series Camera	AV5245DN-01-DA-LG	supported by specification
Arecont MegaBall G2 Series Camera	AV5245DN-01-D-LG	supported by specification
Arecont MegaBall G2 Series Camera	AV5245DN-01-SDA-LG	supported by specification
Arecont MegaBall G2 Series Camera	AV5245DN-01-SD-LG	supported by specification
Arecont MegaBall 2 Series Camera	AV5245DN-01-W	supported by specification
Arecont MegaBall 2 Series Camera	AV5245DN-01-WA	supported by specification
Arecont MegaBall G2 Series Camera	AV5245PM-B-LG	supported by specification
Arecont MegaBall 2 Series Camera	AV5245PM-D	supported by specification
Arecont MegaBall G2 Series Camera	AV5245PM-D-LG	supported by specification
Arecont MegaBall G2 Series Camera	AV5245PMIR-SBA-LG	supported by specification
Arecont MegaBall G2 Series Camera	AV5245PMIR-SB-LG	supported by specification
Arecont MegaBall 2 Series Camera	AV5245PM-W	supported by specification
Arecont MegaDome 2 Series Camera	AV5255	supported by specification
Arecont MegaDome 2 Series Camera	AV5255AM	supported by specification
Arecont MegaDome 2 Series Camera	AV5255AM-AH	supported by specification
Arecont MegaDome 2 Series Camera	AV5255AM-H	supported by specification
Arecont MegaDome 2 Series Camera	AV5255AMIR-AH	supported by specification
Arecont MegaDome 2 Series Camera	AV5255AMIR-H	supported by specification
Arecont MegaDome 2 Series Camera	AV5255DN	supported by specification
Arecont MegaDome 2 Series Camera	AV5255DN-H	supported by specification
Arecont MegaDome 2 Series Camera	AV5255PM-H	supported by specification
Arecont MegaDome 2 Series Camera	AV5255PMIR-SAH	supported by specification
Arecont MegaDome 2 Series Camera	AV5255PMIR-SH	supported by specification
Arecont MegaDome 2 Series Camera	AV5255PMTIR-H	supported by specification
Arecont MegaDome 2 Series Camera	AV5255PMTIR-SH	supported by specification
Arecont MegaDome G3 Series Camera	AV5355PM-H	supported by specification
Arecont MegaDome G3 Series Camera	AV5355PMIR-SAH	supported by specification
Arecont MegaDome G3 Series Camera	AV5355PMIR-SH	supported by specification
Arecont MegaDome G3 Series Camera	AV5355PMTIR-SH	supported by specification
Arecont MegaDome G3 RS Series Camera	AV5355RS	supported by specification
Arecont SurroundVideo G5 Series Camera	AV5367PM	supported by specification
Arecont MicroDome Series Camera	AV5455	supported by specification
Arecont MicroDome Series Camera	AV5455DN-F	supported by specification
Arecont MicroDome Series Camera	AV5455DN-F-NL	supported by specification
Arecont MicroDome Series Camera	AV5455DN-S	supported by specification
Arecont MicroDome Series Camera	AV5455DN-S-NL	supported by specification
Arecont MicroDome G2 Series Camera	AV5555DN-F	supported by specification
Arecont MicroDome G2 Series Camera	AV5555DN-F-NL	supported by specification
Arecont MicroDome G2 Series Camera	AV5555DNIR-S	supported by specification
Arecont MicroDome G2 Series Camera	AV5555DNIR-S-NL	supported by specification
Arecont MicroDome G2 Series Camera	AV5555DN-S	supported by specification
Arecont MicroDome G2 Series Camera	AV5555DN-S-NL	supported by specification
Arecont SurroundVideo G5 Series Camera	AV5585PM	supported by specification
Arecont MicroDome Duo Series Camera	AV6655DN-08	supported by specification
Arecont MicroDome Duo Series Camera	AV6655DN-28	supported by specification
Arecont MicroDome Duo Series Camera	AV6655DN-NL	supported by specification
Arecont MicroDome Duo Series Camera	AV6656DN-08	supported by specification

Preferred Integration Protocol: CGI (native protocol)

Video: All channels available in device; up to 3 streams; H.264, MJPEG codecs

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Supported Protocols: ONVIF, GenericRTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Arecont MicroDome Duo Series Camera	AV6656DN-28	supported by specification
Arecont MicroDome Duo Series Camera	AV6656DN-NL	supported by specification
Arecont SurroundVideo Series Camera	AV8180	ver.64328
Arecont SurroundVideo Series Camera	AV8185	ver.65031
Arecont SurroundVideo Series Camera	AV8185CO	supported by specification
Arecont SurroundVideo Series Camera	AV8185DN	supported by specification
Arecont SurroundVideo Series Camera	AV8185DN-HB	supported by specification
Arecont SurroundVideo Series Camera	AV8360	supported by specification
Arecont SurroundVideo Series Camera	AV8365	supported by specification
Arecont SurroundVideo Series Camera	AV8365CO	supported by specification
Arecont SurroundVideo Series Camera	AV8365DN	supported by specification
Arecont SurroundVideo Series Camera	AV8365DN-HB	supported by specification
Arecont MegaVideo D4 Series Camera	D4F-AV1115-04	supported by specification
Arecont MegaVideo D4 Series Camera	D4F-AV1115-3312	supported by specification
Arecont MegaVideo D4 Series Camera	D4F-AV1115DN-04	supported by specification
Arecont MegaVideo D4 Series Camera	D4F-AV1115DNv1-3312	supported by specification
Arecont MegaVideo D4 Series Camera	D4F-AV1115v1-3312	supported by specification
Arecont MegaVideo D4 Series Camera	D4F-AV2115-3312	supported by specification
Arecont MegaVideo D4 Series Camera	D4F-AV2115DNv1-3312	supported by specification
Arecont MegaVideo D4 Series Camera	D4F-AV2115v1-3312	supported by specification
Arecont MegaVideo D4 Series Camera	D4F-AV3115-3312	supported by specification
Arecont MegaVideo D4 Series Camera	D4F-AV3115DNv1-04	supported by specification
Arecont MegaVideo D4 Series Camera	D4F-AV3115DNv1-3312	supported by specification
Arecont MegaVideo D4 Series Camera	D4F-AV3115v1-04	supported by specification
Arecont MegaVideo D4 Series Camera	D4F-AV3115v1-3312	supported by specification
Arecont MegaVideo D4 Series Camera	D4F-AV5115-3312	supported by specification
Arecont MegaVideo D4 Series Camera	D4F-AV5115DNv1-04	supported by specification
Arecont MegaVideo D4 Series Camera	D4F-AV5115DNv1-3312	supported by specification
Arecont MegaVideo D4 Series Camera	D4F-AV5115v1-04	supported by specification
Arecont MegaVideo D4 Series Camera	D4F-AV5115v1-3312	supported by specification
Arecont MegaVideo D4 Series Camera	D4S-AV1115-04	supported by specification
Arecont MegaVideo D4 Series Camera	D4S-AV1115-3312	supported by specification
Arecont MegaVideo D4 Series Camera	D4S-AV1115DN-04	supported by specification
Arecont MegaVideo D4 Series Camera	D4S-AV1115DNv1-3312	supported by specification
Arecont MegaVideo D4 Series Camera	D4S-AV1115v1-3312	supported by specification
Arecont MegaVideo D4 Series Camera	D4S-AV2115-3312	supported by specification
Arecont MegaVideo D4 Series Camera	D4S-AV2115DNv1-04	supported by specification
Arecont MegaVideo D4 Series Camera	D4S-AV2115DNv1-3312	supported by specification
Arecont MegaVideo D4 Series Camera	D4S-AV2115v1-3312	supported by specification
Arecont MegaVideo D4 Series Camera	D4S-AV3115-3312	supported by specification
Arecont MegaVideo D4 Series Camera	D4S-AV3115DNv1-04	supported by specification
Arecont MegaVideo D4 Series Camera	D4S-AV3115DNv1-3312	supported by specification
Arecont MegaVideo D4 Series Camera	D4S-AV3115v1-04	supported by specification
Arecont MegaVideo D4 Series Camera	D4S-AV3115v1-3312	supported by specification
Arecont MegaVideo D4 Series Camera	D4S-AV5115-3312	supported by specification
Arecont MegaVideo D4 Series Camera	D4S-AV5115DNv1-04	supported by specification
Arecont MegaVideo D4 Series Camera	D4S-AV5115DNv1-3312	supported by specification
Arecont MegaVideo D4 Series Camera	D4S-AV5115v1-04	supported by specification
Arecont MegaVideo D4 Series Camera	D4S-AV5115v1-3312	supported by specification
Arecont MegaVideo D4 Series Camera	D4SO-AV1115-3312	supported by specification
Arecont MegaVideo D4 Series Camera	D4SO-AV1115DNv1-3312	supported by specification
Arecont MegaVideo D4 Series Camera	D4SO-AV1115v1-3312	supported by specification

Preferred Integration Protocol: CGI (native protocol)

Video: All channels available in device; up to 3 streams; H.264, MJPEG codecs

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Supported Protocols: ONVIF, GenericRTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Arecont MegaVideo D4 Series Camera	D4SO-AV2115-3312	supported by specification
Arecont MegaVideo D4 Series Camera	D4SO-AV2115DNv1-3312	supported by specification
Arecont MegaVideo D4 Series Camera	D4SO-AV2115v1-3312	supported by specification
Arecont MegaVideo D4 Series Camera	D4SO-AV2116DNv1-3312	supported by specification
Arecont MegaVideo D4 Series Camera	D4SO-AV3115-3312	supported by specification
Arecont MegaVideo D4 Series Camera	D4SO-AV3115DNv1-3312	supported by specification
Arecont MegaVideo D4 Series Camera	D4SO-AV3115v1-3312	supported by specification
Arecont MegaVideo D4 Series Camera	D4SO-AV3116DNv1-3312	supported by specification
Arecont MegaVideo D4 Series Camera	D4SO-AV5115-3312	supported by specification
Arecont MegaVideo D4 Series Camera	D4SO-AV5115DNv1-3312	supported by specification
Arecont MegaVideo D4 Series Camera	D4SO-AV5115v1-3312	supported by specification

Integration protocol: ONVIF

Video: All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs; UDP/TCP protocols

Audio: All channels available in device; Microphone (audio-in); G.711, AAC codecs

EdgeStorage: EdgeStorage Sync and EdgeStorage Gate for h264 or h265 codecs for IPv4 only

Controls: Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only); Sensors (inputs); Relays (outputs)

Network: Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the integration protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Avigilon H3 Camera Series	1.0C-H3A-xxx-xx	ver.3.4.0.20
Avigilon H4 ES Camera	1.0C-H4A-12G-B1	supported by specification
Avigilon H4 ES Bullet Camera	1.0C-H4A-12G-BO1-IR	supported by specification
Avigilon H4 ES Bullet Camera	1.0C-H4A-12G-BO2-IR	supported by specification
Avigilon H4 ES Dome Camera	1.0C-H4A-12G-DO1-IR	supported by specification
Avigilon H4 ES Dome Camera	1.0C-H4A-12G-DP1-IR	supported by specification
Avigilon HD Camera	1.0C-H4A-B1	supported by specification
Avigilon HD Camera	1.0C-H4A-B2	supported by specification
Avigilon HD Camera	1.0C-H4A-B3	supported by specification
Avigilon HD Bullet Camera	1.0C-H4A-BO1-IR	supported by specification
Avigilon HD Bullet Camera	1.0C-H4A-BO2-IR	supported by specification
Avigilon HD Indoor Dome Camera	1.0C-H4A-D1	supported by specification
Avigilon HD Indoor Dome Camera	1.0C-H4A-D1-IR	supported by specification
Avigilon HD Indoor Dome Camera	1.0C-H4A-D2	supported by specification
Avigilon HD Indoor Dome Camera	1.0C-H4A-DC1	supported by specification
Avigilon HD Indoor Dome Camera	1.0C-H4A-DC2	supported by specification
Avigilon HD Outdoor Dome Camera	1.0C-H4A-DO1	supported by specification
Avigilon HD Outdoor Dome Camera	1.0C-H4A-DO1-IR	supported by specification
Avigilon HD Outdoor Dome Camera	1.0C-H4A-DO2	supported by specification
Avigilon HD Outdoor Dome Camera	1.0C-H4A-DP1	supported by specification
Avigilon HD Outdoor Dome Camera	1.0C-H4A-DP1-IR	supported by specification
Avigilon HD Outdoor Dome Camera	1.0C-H4A-DP2	supported by specification
Avigilon HD PTZ Dome Camera	1.0C-H4IRPTZ-DP45	supported by specification
Avigilon HD PTZ Dome Camera	1.0C-H4IRPTZ-DP45-WP	supported by specification
Avigilon H4 HD PTZ Dome Camera	1.0C-H4PTZ-DC45	supported by specification
Avigilon H4 HD PTZ Dome Camera	1.0C-H4PTZ-DP45	supported by specification
Avigilon H3 HD Micro Dome Camera	1.0-H3M-DC1	supported by specification
Avigilon H3 HD Micro Dome Camera	1.0-H3M-DC1-BL	supported by specification
Avigilon H3 HD Micro Dome Camera	1.0-H3M-DO1	supported by specification
Avigilon H3 HD Micro Dome Camera	1.0-H3M-DP1	supported by specification
Avigilon H3 HD Micro Dome Camera	1.0-H3M-DP1-BL	supported by specification
Avigilon H3 Camera Series	1.0-H3-xxx-xx	ver.2.6.0.42
Avigilon 1 MP H.264 HD Camera Series	1.0MP-HD-H264-xxx	ver.2.2.0.34
Avigilon HD Bullet Camera	1.0W-H3-BO1-IR	supported by specification
Avigilon HD Bullet Camera	1.0W-H3-BO2-IR	supported by specification
Avigilon H3 HD PTZ Dome Camera	1.0W-H3PTZ-DC20	ver.2.6.0.92
Avigilon H3 HD PTZ Dome Camera	1.0W-H3PTZ-DP20	supported by specification
Avigilon H4 HD Mini Dome Camera	1.3C-H4M-D1	supported by specification
Avigilon H4 HD Mini Dome Camera	1.3C-H4M-D1-IR	supported by specification
Avigilon H4 SL Bullet Camera	1.3C-H4SL-BO1-IR	supported by specification
Avigilon H4 SL Dome Camera	1.3C-H4SL-D1	supported by specification
Avigilon H4 SL Dome Camera	1.3C-H4SL-D1-IR	supported by specification
Avigilon H4 SL Dome Camera	1.3C-H4SL-DO1-IR	supported by specification
Avigilon H5SL Bullet Camera	1.3C-H5SL-BO1-IR	supported by specification
Avigilon H5SL Dome Camera	1.3C-H5SL-D1	supported by specification

Integration protocol: ONVIF

Video: All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs; UDP/TCP protocols

Audio: All channels available in device; Microphone (audio-in); G.711, AAC codecs

EdgeStorage: EdgeStorage Sync and EdgeStorage Gate for h264 or h265 codecs for IPv4 only

Controls: Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only); Sensors (inputs); Relays (outputs)

Network: Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the integraton protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Avigilon H5SL Dome Camera	1.3C-H5SL-D1-IR	supported by specification
Avigilon H5SL Dome Camera	1.3C-H5SL-DO1-IR	supported by specification
Avigilon HD Camera	1.3L-H3-B2	supported by specification
Avigilon HD Camera	1.3L-H3-B3	supported by specification
Avigilon HD Indoor Dome Camera	1.3L-H3-D1	supported by specification
Avigilon HD Indoor Dome Camera	1.3L-H3-D2	supported by specification
Avigilon In-Ceiling Dome Camera	1.3L-H3-DC1	supported by specification
Avigilon In-Ceiling Dome Camera	1.3L-H3-DC2	supported by specification
Avigilon HD Outdoor Dome Camera	1.3L-H3-DO1	supported by specification
Avigilon HD Outdoor Dome Camera	1.3L-H3-DO2	supported by specification
Avigilon HD Pendant Dome Camera	1.3L-H3-DP1	supported by specification
Avigilon HD Pendant Dome Camera	1.3L-H3-DP2	supported by specification
Avigilon H5A Surface Mount Camera	10.0C-H5DH-D1-IR	supported by specification
Avigilon H4 Fisheye Camera	12.0-H4F-DO1-IR	supported by specification
Avigilon H5A In-Ceiling Mount Dome Camera	12.0W-H5A-FE-DC1	supported by specification
Avigilon H5A Surface Mount Dome Camera	12.0W-H5A-FE-DO1	supported by specification
Avigilon H5A Surface Mount Dome Camera	12.0W-H5A-FE-DO1-IR	supported by specification
Avigilon H4 Multisensor Camera	12C-H4A-4MH-360	supported by specification
Avigilon HD Pro Camera	12L-H4PRO-B	supported by specification
Avigilon H3 HD Multisensor Camera	12W-H3-4MH-DC1	supported by specification
Avigilon H3 HD Multisensor Camera	12W-H3-4MH-DO1-B	supported by specification
Avigilon H3 HD Multisensor Camera	12W-H3-4MH-DP1-B	supported by specification
Avigilon H4 Multisensor Camera	15C-H4A-3MH-180	supported by specification
Avigilon H4 Multisensor Camera	15C-H4A-3MH-270	supported by specification
Avigilon H5 Pro Camera	16C-H5PRO-B	supported by specification
Avigilon HD Pro Camera	16L-H4PRO-B	supported by specification
Avigilon HD Bullet Camera	2.0C-H3A-BO1-IR	supported by specification
Avigilon HD Bullet Camera	2.0C-H3A-BO2-IR	supported by specification
Avigilon HD Indoor Dome Camera	2.0C-H3A-D1	supported by specification
Avigilon HD Indoor Dome Camera	2.0C-H3A-D1-IR	supported by specification
Avigilon HD Indoor Dome Camera	2.0C-H3A-D2	supported by specification
Avigilon HD In-Ceiling Dome Camera	2.0C-H3A-DC1	supported by specification
Avigilon HD In-Ceiling Dome Camera	2.0C-H3A-DC2	supported by specification
Avigilon HD Outdoor Dome Camera	2.0C-H3A-DO1	supported by specification
Avigilon HD Outdoor Dome Camera	2.0C-H3A-DO1-IR	supported by specification
Avigilon HD Outdoor Dome Camera	2.0C-H3A-DO2	supported by specification
Avigilon HD Pendant Dome Camera	2.0C-H3A-DP1	supported by specification
Avigilon HD Pendant Dome Camera	2.0C-H3A-DP2	supported by specification
Avigilon H4 ES Camera	2.0C-H4A-25G-B1	supported by specification
Avigilon H4 ES Bullet Camera	2.0C-H4A-25G-BO1-IR	supported by specification
Avigilon H4 ES Bullet Camera	2.0C-H4A-25G-BO2-IR	supported by specification
Avigilon H4 ES Dome Camera	2.0C-H4A-25G-DO1-IR	supported by specification
Avigilon H4 ES Dome Camera	2.0C-H4A-25G-DP1-IR	supported by specification
Avigilon HD Camera	2.0C-H4A-B1	supported by specification
Avigilon HD Camera	2.0C-H4A-B2	supported by specification
Avigilon HD Camera	2.0C-H4A-B3	supported by specification

Integration protocol: ONVIF

Video: All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs; UDP/TCP protocols

Audio: All channels available in device; Microphone (audio-in); G.711, AAC codecs

EdgeStorage: EdgeStorage Sync and EdgeStorage Gate for h264 or h265 codecs for IPv4 only

Controls: Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only); Sensors (inputs); Relays (outputs)

Network: Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the integration protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Avigilon HD Bullet Camera	2.0C-H4A-BO1-IR	supported by specification
Avigilon HD Bullet Camera	2.0C-H4A-BO2-IR	supported by specification
Avigilon HD Indoor Dome Camera	2.0C-H4A-D1	supported by specification
Avigilon HD Indoor Dome Camera	2.0C-H4A-D1-IR	supported by specification
Avigilon HD Indoor Dome Camera	2.0C-H4A-D2	supported by specification
Avigilon HD Indoor Dome Camera	2.0C-H4A-DC1	supported by specification
Avigilon HD Indoor Dome Camera	2.0C-H4A-DC2	supported by specification
Avigilon HD Outdoor Dome Camera	2.0C-H4A-DO1	supported by specification
Avigilon HD Outdoor Dome Camera	2.0C-H4A-DO1-IR	supported by specification
Avigilon HD Outdoor Dome Camera	2.0C-H4A-DO2	supported by specification
Avigilon HD Outdoor Dome Camera	2.0C-H4A-DP1	supported by specification
Avigilon HD Outdoor Dome Camera	2.0C-H4A-DP1-IR	supported by specification
Avigilon HD Outdoor Dome Camera	2.0C-H4A-DP2	supported by specification
Avigilon HD PTZ Dome Camera	2.0C-H4IRPTZ-DP30	supported by specification
Avigilon HD PTZ Dome Camera	2.0C-H4IRPTZ-DP30-WP	supported by specification
Avigilon H4 HD Mini Dome Camera	2.0C-H4M-D1	supported by specification
Avigilon H4 HD Mini Dome Camera	2.0C-H4M-D1-IR	supported by specification
Avigilon H4 HD PTZ Dome Camera	2.0C-H4PTZ-DC30	supported by specification
Avigilon H4 HD PTZ Dome Camera	2.0C-H4PTZ-DP30	supported by specification
Avigilon H4 SL Bullet Camera	2.0C-H4SL-BO1-IR	supported by specification
Avigilon H4 SL Dome Camera	2.0C-H4SL-D1	supported by specification
Avigilon H4 SL Dome Camera	2.0C-H4SL-D1-IR	supported by specification
Avigilon H4 SL Dome Camera	2.0C-H4SL-DO1-IR	supported by specification
Avigilon H5A Box Camera	2.0C-H5A-B1	supported by specification
Avigilon H5A Box Camera	2.0C-H5A-B2	supported by specification
Avigilon H5A Bullet Camera	2.0C-H5A-BO1-IR	supported by specification
Avigilon H5A Bullet Camera	2.0C-H5A-BO2-IR	supported by specification
Avigilon H5A Dome Camera	2.0C-H5A-D1	supported by specification
Avigilon H5A Dome Camera	2.0C-H5A-D1-IR	supported by specification
Avigilon H5A In-Ceiling Dome Camera	2.0C-H5A-DC1	supported by specification
Avigilon H5A In-Ceiling Dome Camera	2.0C-H5A-DC1-IR	supported by specification
Avigilon H5A In-Ceiling Dome Camera	2.0C-H5A-DC2	supported by specification
Avigilon H5A Dome Camera	2.0C-H5A-DO1	supported by specification
Avigilon H5A Dome Camera	2.0C-H5A-DO1-IR	supported by specification
Avigilon H5A Dome Camera	2.0C-H5A-DO2	supported by specification
Avigilon H5A Pendant Dome Camera	2.0C-H5A-DP1	supported by specification
Avigilon H5A Pendant Dome Camera	2.0C-H5A-DP1-IR	supported by specification
Avigilon H5A Pendant Dome Camera	2.0C-H5A-DP2	supported by specification
Avigilon H5A In-Ceiling Dome Camera	2.0C-H5A-PTZ-DC36	supported by specification
Avigilon H5A Pendant Dome Camera	2.0C-H5A-PTZ-DP36	supported by specification
Avigilon H5A Explosion-Protected Bullet Camera	2.0C-H5EX-A0-BO1	supported by specification
Avigilon H5A Explosion-Protected Bullet Camera	2.0C-H5EX-A2-BO1	supported by specification
Avigilon H5A Explosion-Protected Bullet Camera	2.0C-H5EX-B0-BO1	supported by specification
Avigilon H5A Explosion-Protected Bullet Camera	2.0C-H5EX-B2-BO1	supported by specification
Avigilon H5A Explosion-Protected Bullet Camera	2.0C-H5EX-F1-BO1	supported by specification
Avigilon H5A Explosion-Protected Bullet Camera	2.0C-H5EX-F3-BO1	supported by specification

Integration protocol: ONVIF

Video: All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs; UDP/TCP protocols

Audio: All channels available in device; Microphone (audio-in); G.711, AAC codecs

EdgeStorage: EdgeStorage Sync and EdgeStorage Gate for h264 or h265 codecs for IPv4 only

Controls: Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only); Sensors (inputs); Relays (outputs)

Network: Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the integration protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Avigilon H5A Explosion-Protected Bullet Camera	2.0C-H5EX-G1-BO1	supported by specification
Avigilon H5A Explosion-Protected Bullet Camera	2.0C-H5EX-G3-BO1	supported by specification
Avigilon H5A Explosion-Protected PTZ Camera	2.0C-H5EXPTZ-A0-BO30	supported by specification
Avigilon H5A Explosion-Protected PTZ Camera	2.0C-H5EXPTZ-B0-BO30	supported by specification
Avigilon H5A Explosion-Protected PTZ Camera	2.0C-H5EXPTZ-C0-BO30	supported by specification
Avigilon H5M Dome Camera	2.0C-H5M-DO1-IR	supported by specification
Avigilon H5SL Bullet Camera	2.0C-H5SL-BO1-IR	supported by specification
Avigilon H5SL Dome Camera	2.0C-H5SL-D1	supported by specification
Avigilon H5SL Dome Camera	2.0C-H5SL-D1-IR	supported by specification
Avigilon H5SL Dome Camera	2.0C-H5SL-DO1-IR	supported by specification
Avigilon HD Camera	2.0-H3-B1	supported by specification
Avigilon HD Camera	2.0-H3-B2	supported by specification
Avigilon HD Camera	2.0-H3-B3	supported by specification
Avigilon 2 MP H.264 HD Dome Camera	2.0-H3-D1	tested by partner
Avigilon HD Indoor Dome Camera	2.0-H3-D1-IR	supported by specification
Avigilon In-Ceiling Dome Camera	2.0-H3-DC1	supported by specification
Avigilon In-Ceiling Dome Camera	2.0-H3-DC2	supported by specification
Avigilon HD Outdoor Dome Camera	2.0-H3-DO1	supported by specification
Avigilon HD Outdoor Dome Camera	2.0-H3-DO1-IR	supported by specification
Avigilon HD Outdoor Dome Camera	2.0-H3-DO2	supported by specification
Avigilon HD Pendant Dome Camera	2.0-H3-DP1	supported by specification
Avigilon HD Pendant Dome Camera	2.0-H3-DP2	supported by specification
Avigilon H3 HD Micro Dome Camera	2.0-H3M-DC1	supported by specification
Avigilon H3 HD Micro Dome Camera	2.0-H3M-DC1-BL	supported by specification
Avigilon H3 HD Micro Dome Camera	2.0-H3M-DO1	supported by specification
Avigilon H3 HD Micro Dome Camera	2.0-H3M-DP1	supported by specification
Avigilon H3 HD Micro Dome Camera	2.0-H3M-DP1-BL	supported by specification
Avigilon 2 MP H.264 HD Camera	2.0MP-HD-H264-B1	supported by specification
Avigilon 2 MP H.264 HD Camera	2.0MP-HD-H264-B2	supported by specification
Avigilon 2 MP H.264 HD Camera	2.0MP-HD-H264-D1	supported by specification
Avigilon 2 MP H.264 HD Camera	2.0MP-HD-H264-DC1	supported by specification
Avigilon 2 MP H.264 HD Camera	2.0MP-HD-H264-DO1	supported by specification
Avigilon 2 MP H.264 HD Camera	2.0MP-HD-H264-DP1	supported by specification
Avigilon HD Bullet Camera	2.0W-H3-BO1-IR	supported by specification
Avigilon 2 MP HD Bullet Camera	2.0W-H3-BO2-IR	ver.2.6.0.140
Avigilon H3 HD PTZ Dome Camera	2.0W-H3PTZ-DC20	supported by specification
Avigilon H3 HD PTZ Dome Camera	2.0W-H3PTZ-DP20	tested by partner
Avigilon H4 Multisensor Camera	20C-H4A-4MH-360	supported by specification
Avigilon H4 Multisensor Camera	24C-H4A-3MH-180	supported by specification
Avigilon H4 Multisensor Camera	24C-H4A-3MH-270	supported by specification
Avigilon HD Pro Camera	24L-H4PRO-B	supported by specification
Avigilon H5 Pro Camera	26C-H5PRO-B	supported by specification
Avigilon HD Bullet Camera	3.0C-H3A-BO1-IR	supported by specification
Avigilon HD Bullet Camera	3.0C-H3A-BO2-IR	supported by specification
Avigilon HD Indoor Dome Camera	3.0C-H3A-D1	supported by specification
Avigilon HD Indoor Dome Camera	3.0C-H3A-D1-IR	supported by specification

Integration protocol: ONVIF

Video: All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs; UDP/TCP protocols

Audio: All channels available in device; Microphone (audio-in); G.711, AAC codecs

EdgeStorage: EdgeStorage Sync and EdgeStorage Gate for h264 or h265 codecs for IPv4 only

Controls: Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only); Sensors (inputs); Relays (outputs)

Network: Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the integration protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Avigilon HD Indoor Dome Camera	3.0C-H3A-D2	supported by specification
Avigilon HD In-Ceiling Dome Camera	3.0C-H3A-DC1	supported by specification
Avigilon HD In-Ceiling Dome Camera	3.0C-H3A-DC2	supported by specification
Avigilon HD Outdoor Dome Camera	3.0C-H3A-DO1	supported by specification
Avigilon HD Outdoor Dome Camera	3.0C-H3A-DO1-IR	supported by specification
Avigilon HD Outdoor Dome Camera	3.0C-H3A-DO2	supported by specification
Avigilon HD Pendant Dome Camera	3.0C-H3A-DP1	supported by specification
Avigilon HD Pendant Dome Camera	3.0C-H3A-DP2	supported by specification
Avigilon H4 ES Camera	3.0C-H4A-25G-B1	supported by specification
Avigilon H4 ES Bullet Camera	3.0C-H4A-25G-BO1-IR	supported by specification
Avigilon H4 ES Bullet Camera	3.0C-H4A-25G-BO2-IR	supported by specification
Avigilon H4 ES Dome Camera	3.0C-H4A-25G-DO1-IR	supported by specification
Avigilon H4 ES Dome Camera	3.0C-H4A-25G-DP1-IR	supported by specification
Avigilon HD Camera	3.0C-H4A-B1	supported by specification
Avigilon HD Camera	3.0C-H4A-B2	supported by specification
Avigilon HD Camera	3.0C-H4A-B3	supported by specification
Avigilon HD Bullet Camera	3.0C-H4A-BO1-IR	supported by specification
Avigilon HD Bullet Camera	3.0C-H4A-BO2-IR	supported by specification
Avigilon HD Indoor Dome Camera	3.0C-H4A-D1	supported by specification
Avigilon HD Indoor Dome Camera	3.0C-H4A-D1-IR	supported by specification
Avigilon HD Indoor Dome Camera	3.0C-H4A-D2	supported by specification
Avigilon HD Indoor Dome Camera	3.0C-H4A-DC1	supported by specification
Avigilon HD Indoor Dome Camera	3.0C-H4A-DC2	supported by specification
Avigilon HD Outdoor Dome Camera	3.0C-H4A-DO1	supported by specification
Avigilon HD Outdoor Dome Camera	3.0C-H4A-DO1-IR	supported by specification
Avigilon HD Outdoor Dome Camera	3.0C-H4A-DO2	supported by specification
Avigilon HD Outdoor Dome Camera	3.0C-H4A-DP1	supported by specification
Avigilon HD Outdoor Dome Camera	3.0C-H4A-DP1-IR	supported by specification
Avigilon HD Outdoor Dome Camera	3.0C-H4A-DP2	supported by specification
Avigilon H4 HD Mini Dome Camera	3.0C-H4M-D1	supported by specification
Avigilon H4 HD Mini Dome Camera	3.0C-H4M-D1-IR	supported by specification
Avigilon H4 SL Bullet Camera	3.0C-H4SL-BO1-IR	supported by specification
Avigilon H4 SL Dome Camera	3.0C-H4SL-D1	supported by specification
Avigilon H4 SL Dome Camera	3.0C-H4SL-D1-IR	supported by specification
Avigilon H4 SL Dome Camera	3.0C-H4SL-DO1-IR	supported by specification
Avigilon H4 Video Intercom Camera	3.0C-H4VI-RO1-IR	supported by specification
Avigilon H5A Cold Rolled Steel Camera	3.0C-H5A-CR1-IR	supported by specification
Avigilon H5A Stainless Steel Camera	3.0C-H5A-CR1-IR-SS	supported by specification
Avigilon H5SL Bullet Camera	3.0C-H5SL-BO1-IR	supported by specification
Avigilon H5SL Bullet Camera	3.0C-H5SL-BO2-IR	supported by specification
Avigilon H5SL Dome Camera	3.0C-H5SL-D1	supported by specification
Avigilon H5SL Dome Camera	3.0C-H5SL-D1-IR	supported by specification
Avigilon H5SL Dome Camera	3.0C-H5SL-DO1-IR	supported by specification
Avigilon HD Camera	3.0W-H3-B2	supported by specification
Avigilon HD Camera	3.0W-H3-B3	supported by specification
Avigilon HD Bullet Camera	3.0W-H3-BO1-IR	supported by specification

Integration protocol: ONVIF

Video: All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs; UDP/TCP protocols

Audio: All channels available in device; Microphone (audio-in); G.711, AAC codecs

EdgeStorage: EdgeStorage Sync and EdgeStorage Gate for h264 or h265 codecs for IPv4 only

Controls: Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only); Sensors (inputs); Relays (outputs)

Network: Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the integration protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Avigilon HD Bullet Camera	3.0W-H3-BO2-IR	supported by specification
Avigilon HD Indoor Dome Camera	3.0W-H3-D1	supported by specification
Avigilon HD Indoor Dome Camera	3.0W-H3-D1-IR	supported by specification
Avigilon HD Indoor Dome Camera	3.0W-H3-D2	supported by specification
Avigilon In-Ceiling Dome Camera	3.0W-H3-DC1	supported by specification
Avigilon In-Ceiling Dome Camera	3.0W-H3-DC2	supported by specification
Avigilon HD Outdoor Dome Camera	3.0W-H3-DO1	supported by specification
Avigilon HD Outdoor Dome Camera	3.0W-H3-DO1-IR	supported by specification
Avigilon HD Outdoor Dome Camera	3.0W-H3-DO2	supported by specification
Avigilon HD Pendant Dome Camera	3.0W-H3-DP1	supported by specification
Avigilon HD Pendant Dome Camera	3.0W-H3-DP2	supported by specification
Avigilon HD Pro Camera	30L-H4PRO-B	supported by specification
Avigilon H4 Thermal Camera	320S-H4A-THC-BO12	supported by specification
Avigilon H4 Thermal Camera	320S-H4A-THC-BO24	supported by specification
Avigilon H4 Thermal Camera	320S-H4A-THC-BO50	supported by specification
Avigilon H4 Multisensor Camera	32C-H4A-4MH-360	supported by specification
Avigilon H5A Box Camera	4.0C-H5A-B2	supported by specification
Avigilon H5A Box Camera	4.0C-H5A-B3	supported by specification
Avigilon H5A Bullet Camera	4.0C-H5A-BO1-IR	supported by specification
Avigilon H5A Bullet Camera	4.0C-H5A-BO2-IR	supported by specification
Avigilon H5A Dome Camera	4.0C-H5A-D1	supported by specification
Avigilon H5A Dome Camera	4.0C-H5A-D1-IR	supported by specification
Avigilon H5A Dome Camera	4.0C-H5A-D2	supported by specification
Avigilon H5A In-Ceiling Dome Camera	4.0C-H5A-DC1	supported by specification
Avigilon H5A In-Ceiling Dome Camera	4.0C-H5A-DC1-IR	supported by specification
Avigilon H5A In-Ceiling Dome Camera	4.0C-H5A-DC2	supported by specification
Avigilon H5A Dome Camera	4.0C-H5A-DO1	supported by specification
Avigilon H5A Dome Camera	4.0C-H5A-DO1-IR	supported by specification
Avigilon H5A Dome Camera	4.0C-H5A-DO2	supported by specification
Avigilon H5A Pendant Dome Camera	4.0C-H5A-DP1	supported by specification
Avigilon H5A Pendant Dome Camera	4.0C-H5A-DP1-IR	supported by specification
Avigilon H5A Pendant Dome Camera	4.0C-H5A-DP2	supported by specification
Avigilon H5A In-Ceiling Dome Camera	4.0C-H5A-PTZ-DC36	supported by specification
Avigilon H5A Pendant Dome Camera	4.0C-H5A-PTZ-DP36	supported by specification
Avigilon H5 Pro Camera	40C-H5PRO-B	supported by specification
Avigilon H5A Bullet Camera	5.0C-H5A-BO2-IR	supported by specification
Avigilon H5A Cold Rolled Steel Camera	5.0C-H5A-CR1-IR	supported by specification
Avigilon H5A Stainless Steel Camera	5.0C-H5A-CR1-IR-SS	supported by specification
Avigilon H5A Dome Camera	5.0C-H5A-DO2	supported by specification
Avigilon H5A Pendant Dome Camera	5.0C-H5A-DP2	supported by specification
Avigilon H5M Dome Camera	5.0C-H5M-DO1-IR	supported by specification
Avigilon H5SL Bullet Camera	5.0C-H5SL-BO1-IR	supported by specification
Avigilon H5SL Bullet Camera	5.0C-H5SL-BO2-IR	supported by specification
Avigilon H5SL Dome Camera	5.0C-H5SL-D1	supported by specification
Avigilon H5SL Dome Camera	5.0C-H5SL-D1-IR	supported by specification
Avigilon H5SL Dome Camera	5.0C-H5SL-DO1-IR	supported by specification

Integration protocol: ONVIF

Video: All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs; UDP/TCP protocols

Audio: All channels available in device; Microphone (audio-in); G.711, AAC codecs

EdgeStorage: EdgeStorage Sync and EdgeStorage Gate for h264 or h265 codecs for IPv4 only

Controls: Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only); Sensors (inputs); Relays (outputs)

Network: Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the integration protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Avigilon HD Camera	5.0-H3-B2	supported by specification
Avigilon HD Camera	5.0-H3-B3	supported by specification
Avigilon HD Bullet Camera	5.0-H3-BO1-IR	supported by specification
Avigilon HD Bullet Camera	5.0-H3-BO2-IR	supported by specification
Avigilon HD Indoor Dome Camera	5.0-H3-D1	supported by specification
Avigilon HD Indoor Dome Camera	5.0-H3-D1-IR	supported by specification
Avigilon HD Indoor Dome Camera	5.0-H3-D2	supported by specification
Avigilon In-Ceiling Dome Camera	5.0-H3-DC1	supported by specification
Avigilon In-Ceiling Dome Camera	5.0-H3-DC2	supported by specification
Avigilon HD Outdoor Dome Camera	5.0-H3-DO1	supported by specification
Avigilon HD Outdoor Dome Camera	5.0-H3-DO1-IR	supported by specification
Avigilon HD Outdoor Dome Camera	5.0-H3-DO2	supported by specification
Avigilon HD Pendant Dome Camera	5.0-H3-DP1	supported by specification
Avigilon HD Pendant Dome Camera	5.0-H3-DP2	supported by specification
Avigilon HD Camera	5.0L-H4A-B2	supported by specification
Avigilon HD Camera	5.0L-H4A-B3	supported by specification
Avigilon HD Bullet Camera	5.0L-H4A-BO1-IR	supported by specification
Avigilon HD Bullet Camera	5.0L-H4A-BO2-IR	supported by specification
Avigilon HD Indoor Dome Camera	5.0L-H4A-D1	supported by specification
Avigilon HD Indoor Dome Camera	5.0L-H4A-D1-IR	supported by specification
Avigilon HD Indoor Dome Camera	5.0L-H4A-D2	supported by specification
Avigilon HD Indoor Dome Camera	5.0L-H4A-DC1	supported by specification
Avigilon HD Indoor Dome Camera	5.0L-H4A-DC2	supported by specification
Avigilon HD Outdoor Dome Camera	5.0L-H4A-DO1	supported by specification
Avigilon HD Outdoor Dome Camera	5.0L-H4A-DO1-IR	supported by specification
Avigilon HD Outdoor Dome Camera	5.0L-H4A-DO2	supported by specification
Avigilon HD Outdoor Dome Camera	5.0L-H4A-DP1	supported by specification
Avigilon HD Outdoor Dome Camera	5.0L-H4A-DP1-IR	supported by specification
Avigilon HD Outdoor Dome Camera	5.0L-H4A-DP2	supported by specification
Avigilon H5A Box Camera	6.0C-H5A-B2	supported by specification
Avigilon H5A Bullet Camera	6.0C-H5A-BO1-IR	supported by specification
Avigilon H5A Dome Camera	6.0C-H5A-D1	supported by specification
Avigilon H5A Dome Camera	6.0C-H5A-D1-IR	supported by specification
Avigilon H5A In-Ceiling Dome Camera	6.0C-H5A-DC1	supported by specification
Avigilon H5A In-Ceiling Dome Camera	6.0C-H5A-DC1-IR	supported by specification
Avigilon H5A Dome Camera	6.0C-H5A-DO1	supported by specification
Avigilon H5A Dome Camera	6.0C-H5A-DO1-IR	supported by specification
Avigilon H5A Pendant Dome Camera	6.0C-H5A-DP1	supported by specification
Avigilon H5A Pendant Dome Camera	6.0C-H5A-DP1-IR	supported by specification
Avigilon H5A Surface Mount Camera	6.0C-H5DH-D1-IR	supported by specification
Avigilon H5A Explosion-Protected Bullet Camera	6.0C-H5EX-A0-CO1	supported by specification
Avigilon H5A Explosion-Protected Bullet Camera	6.0C-H5EX-B0-CO1	supported by specification
Avigilon H5A Explosion-Protected Bullet Camera	6.0C-H5EX-C0-CO1	supported by specification
Avigilon H4 Fisheye Camera	6.0L-H4F-DO1-IR	supported by specification
Avigilon H5 Pro Camera	61C-H5PRO-B	supported by specification
Avigilon H4 Thermal Camera	640S-H4A-THC-BO12	supported by specification

Integration protocol: ONVIF

Video: All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs; UDP/TCP protocols

Audio: All channels available in device; Microphone (audio-in); G.711, AAC codecs

EdgeStorage: EdgeStorage Sync and EdgeStorage Gate for h264 or h265 codecs for IPv4 only

Controls: Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only); Sensors (inputs); Relays (outputs)

Network: Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the integration protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Avigilon H4 Thermal Camera	640S-H4A-THC-BO24	supported by specification
Avigilon H4 Thermal Camera	640S-H4A-THC-BO50	supported by specification
Avigilon H5A Box Camera	8.0C-H5A-B2	supported by specification
Avigilon H5A Bullet Camera	8.0C-H5A-BO1-IR	supported by specification
Avigilon H5A Dome Camera	8.0C-H5A-D1	supported by specification
Avigilon H5A Dome Camera	8.0C-H5A-D1-IR	supported by specification
Avigilon H5A In-Ceiling Dome Camera	8.0C-H5A-DC1	supported by specification
Avigilon H5A In-Ceiling Dome Camera	8.0C-H5A-DC1-IR	supported by specification
Avigilon H5A Dome Camera	8.0C-H5A-DO1	supported by specification
Avigilon H5A Dome Camera	8.0C-H5A-DO1-IR	supported by specification
Avigilon H5A Pendant Dome Camera	8.0C-H5A-DP1	supported by specification
Avigilon H5A Dome Camera	8.0C-H5A-DP1-IR	supported by specification
Avigilon H5A In-Ceiling Mount Dome Camera	8.0C-H5A-FE-DC1	supported by specification
Avigilon H5A Surface Mount Dome Camera	8.0C-H5A-FE-DO1	supported by specification
Avigilon H5A Surface Mount Dome Camera	8.0C-H5A-FE-DO1-IR	supported by specification
Avigilon H5A In-Ceiling Dome Camera	8.0C-H5A-PTZ-DC36	supported by specification
Avigilon H5A Pendant Dome Camera	8.0C-H5A-PTZ-DP36	supported by specification
Avigilon HD Camera	8.0-H4A-B2	supported by specification
Avigilon HD Bullet Camera	8.0-H4A-BO1-IR	supported by specification
Avigilon HD Indoor Dome Camera	8.0-H4A-D1	supported by specification
Avigilon HD Indoor Dome Camera	8.0-H4A-D1-IR	supported by specification
Avigilon HD Indoor Dome Camera	8.0-H4A-DC1	supported by specification
Avigilon HD Outdoor Dome Camera	8.0-H4A-DO1	supported by specification
Avigilon HD Outdoor Dome Camera	8.0-H4A-DO1-IR	supported by specification
Avigilon HD Outdoor Dome Camera	8.0-H4A-DP1	supported by specification
Avigilon HD Outdoor Dome Camera	8.0-H4A-DP1-IR	supported by specification
Avigilon H5 Pro Camera	8C-H5PRO-B	supported by specification
Avigilon HD Pro Camera	8L-H4PRO-B	supported by specification
Avigilon H4 Multisensor Camera	9C-H4A-3MH-180	supported by specification
Avigilon H4 Multisensor Camera	9C-H4A-3MH-270	supported by specification
Avigilon H3 HD Multisensor Camera	9W-H3-3MH-DC1	supported by specification
Avigilon H3 HD Multisensor Camera	9W-H3-3MH-DO1-B	supported by specification
Avigilon H3 HD Multisensor Camera	9W-H3-3MH-DP1-B	supported by specification
Avigilon H.264 Analog Video Encoder	ENC-4P-H264	ver.2.2.0.48
Avigilon PTZ In-Ceiling Dome Camera	H3PTZ-DC-CLEAR-B	supported by specification
Avigilon PTZ In-Ceiling Dome Camera	H3PTZ-DC-SMOKE-B	supported by specification
Avigilon H4 LPC Camera	H4 LPC	supported by specification
Avigilon H4 Thermal Detection Camera	H4A-ETD-KIT	supported by specification

Preferred Integration Protocol: VAPIX3 (native protocol)

Video: All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs

Audio: All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711, AAC codecs

EdgeStorage: EdgeStorage Sync; EdgeStorage Gate (ONVIF protocol only and IPv4)

Controls: Pan, Tilt, Zoom/Zoom in on the selected area; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only); Recorded Tours (Call only); External Wiper; Sensors (inputs); Relays (outputs)

Dewarping: Live and Archive videos; ePTZ;

Network: Autodiscovery; Basic or Digest access authentication; IP-address/DNS; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative supported protocols: ONVIF, RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
AXIS A8004-VE Network Video Door Station	A8004-VE	ver.5.65.1.1
AXIS A8005-E Network Video Door Station	A8005-E	supported by specification
AXIS Q35 Network Camera Series	AXIS Q3515-LVE	supported by specification
AXIS F Series	F34	supported by specification
AXIS F Series	F41	ver.5.55.3.2
AXIS F Series	F44	ver.5.65.1.1
AXIS M10 Network Camera Series	M1004-W	ver.5.50.5.1
AXIS M10 Network Camera Series	M1011	ver.5.20.1.0
AXIS M10 Network Camera Series	M1011-W	ver.5.20.2.0
AXIS M10 Network Camera Series	M1013	ver.5.50.5.1
AXIS M10 Network Camera Series	M1014	ver.5.50.5.1
AXIS M10 Network Camera Series	M1025	ver.5.50.5.0
AXIS M10 Network Camera Series	M1031-W	ver.5.20.3.0
AXIS M10 Network Camera Series	M1033-W	ver.5.50.5.1
AXIS M10 Network Camera Series	M1034-W	ver.5.50.5.1
AXIS M10 Network Camera Series	M1045-LW	supported by specification
AXIS M10 Network Camera Series	M1054	ver.5.50.3.0
AXIS M10 Network Camera Series	M1065-L	supported by specification
AXIS M10 Network Camera Series	M1065-LW	supported by specification
AXIS M11 Network Camera Series	M1103	ver.5.50.3.0
AXIS M11 Network Camera Series	M1104	ver.5.50.3.0
AXIS M11 Network Camera Series	M1113	ver.5.50.3.0
AXIS M11 Network Camera Series	M1113-E	ver.5.50.3.0
AXIS M11 Network Camera Series	M1114	ver.5.50.3.0
AXIS M11 Network Camera Series	M1114-E	ver.5.50.3.0
AXIS M11 Network Camera Series	M1124	supported by specification
AXIS M11 Network Camera Series	M1124-E	supported by specification
AXIS M11 Network Camera Series	M1125	supported by specification
AXIS M11 Network Camera Series	M1125-E	supported by specification
AXIS M11 Network Camera Series	M1143-L	ver.5.60.1.0
AXIS M11 Network Camera Series	M1144-L	ver.5.60.1.0
AXIS M11 Network Camera Series	M1145	ver.5.55.3.2
AXIS M11 Network Camera Series	M1145-L	ver.5.55.3.2
AXIS M20 Network Camera Series	M2014-E	ver.5.40.12.3
AXIS M20 Network Camera Series	M2025-LE	supported by specification
AXIS M20 Network Camera Series	M2026-LE	supported by specification
AXIS M30 Network Camera Series	M3004-V	ver.5.50.5.1
AXIS M30 Network Camera Series	M3005-V	ver.5.50.5.1
AXIS M30 Network Camera Series	M3006-V	ver.5.55.1.6
AXIS M30 Network Camera Series	M3007-P	ver.5.55.1.4

Preferred Integration Protocol: VAPIX3 (native protocol)

Video: All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs

Audio: All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711, AAC codecs

EdgeStorage: EdgeStorage Sync; EdgeStorage Gate (ONVIF protocol only and IPv4)

Controls: Pan, Tilt, Zoom/Zoom in on the selected area; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only); Recorded Tours (Call only); External Wiper; Sensors (inputs); Relays (outputs)

Dewarping: Live and Archive videos; ePTZ;

Network: Autodiscovery; Basic or Digest access authentication; IP-address/DNS; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative supported protocols: ONVIF, RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
AXIS M30 Network Camera Series	M3007-PV	ver.5.55.1.4
AXIS M30 Network Camera Series	M3011	ver.5.21.0.0
AXIS M30 Network Camera Series	M3014	ver.5.40.9.3
AXIS M30 Network Camera Series	M3024-LVE	ver.5.50.5.1
AXIS M30 Network Camera Series	M3025-VE	ver.5.50.5.1
AXIS M30 Network Camera Series	M3026-VE	ver.5.55.1.3
AXIS M30 Network Camera Series	M3027-PVE	ver.5.55.1.2
AXIS M30 Network Camera Series	M3037-PVE	ver.5.55.1.2
AXIS M30 Network Camera Series	M3044-V	supported by specification
AXIS M30 Network Camera Series	M3044-WV	supported by specification
AXIS M30 Network Camera Series	M3045-V	supported by specification
AXIS M30 Network Camera Series	M3045-WV	supported by specification
AXIS M30 Network Camera Series	M3046-V	supported by specification
AXIS M30 360° Panoramic Camera Series	M3057-PLVE	supported by specification
AXIS M31 Network Camera Series	M3104-L	supported by specification
AXIS M31 Network Camera Series	M3104-LVE	supported by specification
AXIS M31 Network Camera Series	M3105-L	supported by specification
AXIS M31 Network Camera Series	M3105-LVE	supported by specification
AXIS M31 Network Camera Series	M3106-L	supported by specification
AXIS M31 Network Camera Series	M3106-LVE	supported by specification
AXIS M31 Network Camera Series	M3113-R	ver.5.40.9.4
AXIS M31 Network Camera Series	M3113-VE	ver.5.40.9.4
AXIS M31 Network Camera Series	M3114-R	ver.5.40.9.4
AXIS M31 Network Camera Series	M3114-VE	ver.5.40.9.4
AXIS M32 Network Camera Series	M3203	ver.5.50.3.0
AXIS M32 Network Camera Series	M3203-V	ver.5.50.3.0
AXIS M32 Network Camera Series	M3204	ver.5.50.3.0
AXIS M32 Network Camera Series	M3204-V	ver.5.50.3.0
AXIS M50 PTZ Dome Network Camera Series	M5013	ver.5.50.3.0
AXIS M50 PTZ Dome Network Camera Series	M5013-V	ver.5.50.3.0
AXIS M50 PTZ Dome Network Camera Series	M5014	ver.5.50.3.0
AXIS M50 PTZ Dome Network Camera Series	M5014-V	ver.5.50.3.0
AXIS M70 Video Encoder Series	M7001	ver.5.20.2.0
AXIS M70 Video Encoder Series	M7010	ver.5.50.4.1
AXIS M70 Video Encoder Series	M7011	supported by specification
AXIS M70 Video Encoder Series	M7014	ver.5.50.4.1
AXIS M70 Video Encoder Series	M7016	ver.5.51.2.1
AXIS P12 Network Camera Series	P1204	ver.5.40.12.3
AXIS P12 Network Camera Series	P1214	ver.5.40.12.3
AXIS P12 Network Camera Series	P1214-E	ver.5.40.12.3
AXIS P12 Network Camera Series	P1224-E	ver.5.40.12.3

Preferred Integration Protocol: VAPIX3 (native protocol)

Video: All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs

Audio: All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711, AAC codecs

EdgeStorage: EdgeStorage Sync; EdgeStorage Gate (ONVIF protocol only and IPv4)

Controls: Pan, Tilt, Zoom/Zoom in on the selected area; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only); Recorded Tours (Call only); External Wiper; Sensors (inputs); Relays (outputs)

Dewarping: Live and Archive videos; ePTZ;

Network: Autodiscovery; Basic or Digest access authentication; IP-address/DNS; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative supported protocols: ONVIF, RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
AXIS P12 Network Camera Series	P1244	supported by specification
AXIS P12 Network Camera Series	P1254	supported by specification
AXIS P12 Network Camera Series	P1264	supported by specification
AXIS P13 Network Camera Series	P1311	ver.5.1.2
AXIS P13 Network Camera Series	P1343	ver.5.40.09.7
AXIS P13 Network Camera Series	P1343-E	ver.5.40.09.7
AXIS P13 Network Camera Series	P1344	ver.5.40.9.7
AXIS P13 Network Camera Series	P1344-E	ver.5.40.9.7
AXIS P13 Network Camera Series	P1346	ver.5.40.9.5
AXIS P13 Network Camera Series	P1346-E	ver.5.40.9.5
AXIS P13 Network Camera Series	P1347	ver.5.40.9.3
AXIS P13 Network Camera Series	P1347-E	ver.5.40.9.3
AXIS P13 Network Camera Series	P1353	ver.5.60.1
AXIS P13 Network Camera Series	P1353-E	ver.5.60.1
AXIS P13 Network Camera Series	P1354	ver.5.60.1
AXIS P13 Network Camera Series	P1354-E	ver.5.60.1
AXIS P13 Network Camera Series	P1355	ver.5.60.1
AXIS P13 Network Camera Series	P1355-E	ver.5.60.1
AXIS P13 Network Camera Series	P1357	ver.5.40.19.2
AXIS P13 Network Camera Series	P1357-E	ver.5.40.19.2
AXIS P13 Network Camera Series	P1364	supported by specification
AXIS P13 Network Camera Series	P1364-E	supported by specification
AXIS P13 Network Camera Series	P1365	supported by specification
AXIS P13 Network Camera Series	P1365 Mk II	supported by specification
AXIS P13 Network Camera Series	P1365-E	supported by specification
AXIS P13 Network Camera Series	P1365-E Mk II	supported by specification
AXIS P14 Network Camera Series	P1405-E	supported by specification
AXIS P14 Network Camera Series	P1405-L	ver.5.55.3.3
AXIS P14 Network Camera Series	P1405-LE	ver.5.55.3.3
AXIS P14 Network Camera Series	P1405-LE Mk II	supported by specification
AXIS P14 Network Camera Series	P1425-E	supported by specification
AXIS P14 Network Camera Series	P1425-L	ver.5.55.3.3
AXIS P14 Network Camera Series	P1425-LE	ver.5.55.3.3
AXIS P14 Network Camera Series	P1425-LE Mk II	supported by specification
AXIS P14 Network Camera Series	P1427-E	supported by specification
AXIS P14 Network Camera Series	P1427-L	ver.5.55.3.3
AXIS P14 Network Camera Series	P1427-LE	ver.5.55.3.3
AXIS P14 Network Camera Series	P1428-E	ver.5.55.5.1
AXIS P14 Network Camera Series	P1435-E	supported by specification
AXIS P14 Network Camera Series	P1435-LE	supported by specification
AXIS P14 Network Camera Series	P1445-LE	supported by specification

Preferred Integration Protocol: VAPIX3 (native protocol)

Video: All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs

Audio: All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711, AAC codecs

EdgeStorage: EdgeStorage Sync; EdgeStorage Gate (ONVIF protocol only and IPv4)

Controls: Pan, Tilt, Zoom/Zoom in on the selected area; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only); Recorded Tours (Call only); External Wiper; Sensors (inputs); Relays (outputs)

Dewarping: Live and Archive videos; ePTZ;

Network: Autodiscovery; Basic or Digest access authentication; IP-address/DNS; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative supported protocols: ONVIF, RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
AXIS P14 License Plate Verifier Kit	P1445-LE-3	supported by specification
AXIS P32 Network Camera Series	P3214-V	ver. 5.55.3.2
AXIS P32 Network Camera Series	P3214-VE	ver. 5.55.3.2
AXIS P32 Network Camera Series	P3215-V	ver. 5.55.3.2
AXIS P32 Network Camera Series	P3215-VE	ver. 5.55.3.2
AXIS P32 Network Camera Series	P3224-LV	supported by specification
AXIS P32 Network Camera Series	P3224-LV Mk II	supported by specification
AXIS P32 Network Camera Series	P3224-LVE	supported by specification
AXIS P32 Network Camera Series	P3224-LVE Mk II	supported by specification
AXIS P32 Network Camera Series	P3224-V Mk II	supported by specification
AXIS P32 Network Camera Series	P3224-VE Mk II	supported by specification
AXIS P32 Network Camera Series	P3225-LV	supported by specification
AXIS P32 Network Camera Series	P3225-LV Mk II	supported by specification
AXIS P32 Network Camera Series	P3225-LVE	supported by specification
AXIS P32 Network Camera Series	P3225-LVE Mk II	supported by specification
AXIS P32 Network Camera Series	P3225-V Mk II	supported by specification
AXIS P32 Network Camera Series	P3225-VE Mk II	supported by specification
AXIS P33 Network Camera Series	P3301	ver.5.40.9.3
AXIS P33 Network Camera Series	P3301-V	ver.5.40.9.3
AXIS P33 Network Camera Series	P3304	ver.5.40.9.3
AXIS P33 Network Camera Series	P3304-V	ver.5.40.9.3
AXIS P33 Network Camera Series	P3343	ver.5.40.9.7
AXIS P33 Network Camera Series	P3343-V	ver.5.40.9.7
AXIS P33 Network Camera Series	P3343-VE	ver.5.40.9.7
AXIS P33 Network Camera Series	P3344	ver.5.40.9.7
AXIS P33 Network Camera Series	P3344-V	ver.5.40.9.7
AXIS P33 Network Camera Series	P3344-VE	ver.5.40.9.7
AXIS P33 Network Camera Series	P3346	ver.5.50.3
AXIS P33 Network Camera Series	P3346-V	ver.5.50.3
AXIS P33 Network Camera Series	P3346-VE	ver.5.50.3
AXIS P33 Network Camera Series	P3353	ver.5.60.1
AXIS P33 Network Camera Series	P3354	ver.5.60.1
AXIS P33 Network Camera Series	P3363-V	ver.5.60.1.1
AXIS P33 Network Camera Series	P3363-VE	ver.5.60.1.1
AXIS P33 Network Camera Series	P3364-LV	ver.5.60.1.1
AXIS P33 Network Camera Series	P3364-LVE	ver.5.60.1.1
AXIS P33 Network Camera Series	P3364-V	ver.5.60.1.1
AXIS P33 Network Camera Series	P3364-VE	ver.5.60.1.1
AXIS P33 Network Camera Series	P3365-V	ver.5.55.3.2
AXIS P33 Network Camera Series	P3365-VE	ver.5.55.3.2
AXIS P33 Network Camera Series	P3367-V	ver.5.60.1

Preferred Integration Protocol: VAPIX3 (native protocol)

Video: All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs

Audio: All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711, AAC codecs

EdgeStorage: EdgeStorage Sync; EdgeStorage Gate (ONVIF protocol only and IPv4)

Controls: Pan, Tilt, Zoom/Zoom in on the selected area; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only); Recorded Tours (Call only); External Wiper; Sensors (inputs); Relays (outputs)

Dewarping: Live and Archive videos; ePTZ;

Network: Autodiscovery; Basic or Digest access authentication; IP-address/DNS; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative supported protocols: ONVIF, RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
AXIS P33 Network Camera Series	P3367-VE	ver.5.60.1
AXIS P33 Network Camera Series	P3384-V	ver.5.60.1
AXIS P33 Network Camera Series	P3384-VE	ver.5.60.1
AXIS P3707-PE Network Camera	P3707-PE	supported by specification
AXIS P39-R Network Camera Series	P3904-R	ver.5.55.3
AXIS P39-R Network Camera Series	P3905-R	ver.5.55.3
AXIS P39-R Network Camera Series	P3905-RE	ver.5.55.3
AXIS P39-R Network Camera Series	P3915-R	ver.5.55.3
AXIS P54 PTZ Dome Network Camera Series	P5414-E	ver.5.55.1.3
AXIS P54 PTZ Dome Network Camera Series	P5415-E	ver.5.55.1.3
AXIS P55 PTZ Dome Network Camera Series	P5512	ver.5.50.4
AXIS P55 PTZ Dome Network Camera Series	P5512-E	ver.5.50.4
AXIS P55 PTZ Dome Network Camera Series	P5514	supported by specification
AXIS P55 PTZ Dome Network Camera Series	P5514-E	supported by specification
AXIS P55 PTZ Dome Network Camera Series	P5515	supported by specification
AXIS P55 PTZ Dome Network Camera Series	P5515-E	supported by specification
AXIS P55 PTZ Dome Network Camera Series	P5522	ver.5.50.4
AXIS P55 PTZ Dome Network Camera Series	P5522-E	ver.5.50.4
AXIS P55 PTZ Dome Network Camera Series	P5532	ver.5.41.3.1
AXIS P55 PTZ Dome Network Camera Series	P5532-E	ver.5.41.3
AXIS P55 PTZ Dome Network Camera Series	P5534	ver.5.40.9.5
AXIS P55 PTZ Dome Network Camera Series	P5534-E	ver.5.40.9.5
AXIS P55 PTZ Dome Network Camera Series	P5544	ver.5.41.2.2
AXIS P56 PTZ Dome Network Camera Series	P5624-E	ver.5.75.1
AXIS P56 PTZ Dome Network Camera Series	P5624-E Mk II	supported by specification
AXIS P56 PTZ Dome Network Camera Series	P5635-E	ver.5.75.1
AXIS P56 PTZ Dome Network Camera Series	P5635-E Mk II	supported by specification
AXIS P72 Video Encoder Series	P7210	ver.5.50.4.1
AXIS P72 Video Encoder Series	P7214	ver.5.50.4.1
AXIS P72 Video Encoder Series	P7216	ver.5.51.2.1
AXIS P72 Video Encoder Series	P7224 Blade	ver.5.51.2.1
AXIS P8221 Network I/O Audio Module	P8221	ver.5.10.2.0
AXIS P85 Network Camera Series	P8513	ver.5.40.9.4
AXIS P85 Network Camera Series	P8514	ver.5.40.9.4
AXIS P85 Network Camera Series	P8524	ver.5.40.12.3
AXIS P85 Network Camera Series	P8535	supported by specification
AXIS Q16 Network Camera Series	Q1602	ver.5.60.1
AXIS Q16 Network Camera Series	Q1602-E	ver.5.60.1
AXIS Q16 Network Camera Series	Q1604	ver.5.60.1
AXIS Q16 Network Camera Series	Q1604-E	ver.5.60.1
AXIS Q16 Network Camera Series	Q1614	ver.5.60.1

Preferred Integration Protocol: VAPIX3 (native protocol)

Video: All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs

Audio: All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711, AAC codecs

EdgeStorage: EdgeStorage Sync; EdgeStorage Gate (ONVIF protocol only and IPv4)

Controls: Pan, Tilt, Zoom/Zoom in on the selected area; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only); Recorded Tours (Call only); External Wiper; Sensors (inputs); Relays (outputs)

Dewarping: Live and Archive videos; ePTZ;

Network: Autodiscovery; Basic or Digest access authentication; IP-address/DNS; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative supported protocols: ONVIF, RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
AXIS Q16 Network Camera Series	Q1614-E	ver.5.60.1
AXIS Q16 Network Camera Series	Q1615	ver.5.55.3.5
AXIS Q16 Network Camera Series	Q1615 Mk II	supported by specification
AXIS Q16 Network Camera Series	Q1615-E	ver.5.55.3.5
AXIS Q16 Network Camera Series	Q1615-E Mk II	supported by specification
AXIS Q16 Network Camera Series	Q1635	ver.5.55.3.5
AXIS Q16 Network Camera Series	Q1635-E	supported by specification
AXIS Q16 Network Camera Series	Q1659	supported by specification
AXIS Q17 Network Camera Series	Q1755	ver.5.50.4
AXIS Q17 Network Camera Series	Q1755-E	ver.5.50.4
AXIS Q17 Network Camera Series	Q1765-LE	ver.5.55.2.3
AXIS Q17 Network Camera Series	Q1765-LE PT Mount	ver.5.55.2.3
AXIS Q17 Network Camera Series	Q1775	supported by specification
AXIS Q17 Network Camera Series	Q1775-E	supported by specification
AXIS Q19 Thermal Camera Series	Q1910	ver.5.50.4
AXIS Q19 Thermal Camera Series	Q1910-E	ver.5.50.4
AXIS Q19 Thermal Camera Series	Q1921	ver.5.50.4
AXIS Q19 Thermal Camera Series	Q1921-E	ver.5.50.4
AXIS Q19 Thermal Camera Series	Q1922	ver.5.50.4
AXIS Q19 Thermal Camera Series	Q1922-E	ver.5.50.4
AXIS Q19 Thermal Camera Series	Q1931	ver.5.55.4.1
AXIS Q19 Thermal Camera Series	Q1931-E	supported by specification
AXIS Q19 Thermal Camera Series	Q1931-E PT Mount	ver.5.55.4.1
AXIS Q19 Thermal Camera Series	Q1932	ver.5.55.4.1
AXIS Q19 Thermal Camera Series	Q1932-E	supported by specification
AXIS Q19 Thermal Camera Series	Q1932-E PT Mount	ver.5.55.4.1
AXIS Q19 Thermal Camera Series	Q1941-E	supported by specification
AXIS Q19 Thermal Camera Series	Q1941-E PT Mount	supported by specification
AXIS Q19 Thermal Camera Series	Q1942-E	supported by specification
AXIS Q19 Thermal Camera Series	Q1942-E PT Mount	supported by specification
AXIS Q29 Series Temperature Alarm Cameras	Q2901	ver.5.55.4.1
AXIS Q29 Series Temperature Alarm Cameras	Q2901-E	supported by specification
AXIS Q29 Series Temperature Alarm Cameras	Q2901-E PT Mount	ver.5.55.4.1
AXIS Q35 Network Camera Series	Q3504-V	supported by specification
AXIS Q35 Network Camera Series	Q3504-VE	supported by specification
AXIS Q35 Network Camera Series	Q3505-SVE Mk II	supported by specification
AXIS Q35 Network Camera Series	Q3505-V	ver.5.55.3.6
AXIS Q35 Network Camera Series	Q3505-V Mk II	supported by specification
AXIS Q35 Network Camera Series	Q3505-VE	ver.5.55.3.6
AXIS Q35 Network Camera Series	Q3505-VE Mk II	supported by specification
AXIS Q35 Network Camera Series	Q3515-LV	supported by specification

Preferred Integration Protocol: VAPIX3 (native protocol)

Video: All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs

Audio: All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711, AAC codecs

EdgeStorage: EdgeStorage Sync; EdgeStorage Gate (ONVIF protocol only and IPv4)

Controls: Pan, Tilt, Zoom/Zoom in on the selected area; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only); Recorded Tours (Call only); External Wiper; Sensors (inputs); Relays (outputs)

Dewarping: Live and Archive videos; ePTZ;

Network: Autodiscovery; Basic or Digest access authentication; IP-address/DNS; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative supported protocols: ONVIF, RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
AXIS Q36 Network Camera Series	Q3615-VE	supported by specification
AXIS Q36 Network Camera Series	Q3617-VE	supported by specification
AXIS Q37 Network Camera Series	Q3708-PVE	supported by specification
AXIS Q37 Network Camera Series	Q3709-PVE	supported by specification
AXIS Q60 PTZ Dome Network Camera Series	Q6000-E	supported by specification
AXIS Q60 PTZ Dome Network Camera Series	Q6000-E Mk II	supported by specification
AXIS Q60 PTZ Dome Network Camera Series	Q6000-E1	supported by specification
AXIS Q60 PTZ Dome Network Camera Series	Q6032	ver.5.41.1.2
AXIS Q60 PTZ Dome Network Camera Series	Q6032-C	ver.5.41.3
AXIS Q60 PTZ Dome Network Camera Series	Q6032-E	ver.5.41.1.4
AXIS Q60 PTZ Dome Network Camera Series	Q6034	ver.5.41.1.1
AXIS Q60 PTZ Dome Network Camera Series	Q6034-C	ver.5.41.3
AXIS Q60 PTZ Dome Network Camera Series	Q6034-E	ver.5.41.1.2
AXIS Q60 PTZ Dome Network Camera Series	Q6035	ver.5.41.1.2
AXIS Q60 PTZ Dome Network Camera Series	Q6035-C	ver.5.41.3
AXIS Q60 PTZ Dome Network Camera Series	Q6035-E	ver.5.41.1.4
AXIS Q60 PTZ Dome Network Camera Series	Q6042	ver.5.55.1.2
AXIS Q60 PTZ Dome Network Camera Series	Q6042-C	ver.5.55.1.2
AXIS Q60 PTZ Dome Network Camera Series	Q6042-E	ver.5.55.1.3
AXIS Q60 PTZ Dome Network Camera Series	Q6042-S	ver.5.55.1.2
AXIS Q60 PTZ Dome Network Camera Series	Q6044	ver.5.55.1.2
AXIS Q60 PTZ Dome Network Camera Series	Q6044-C	ver.5.55.1.2
AXIS Q60 PTZ Dome Network Camera Series	Q6044-E	ver.5.55.1.3
AXIS Q60 PTZ Dome Network Camera Series	Q6044-S	ver.5.55.1.2
AXIS Q60 PTZ Dome Network Camera Series	Q6045	ver.5.55.1.2
AXIS Q60 PTZ Dome Network Camera Series	Q6045 Mk II	supported by specification
AXIS Q60 PTZ Dome Network Camera Series	Q6045-C	ver.5.55.1.2
AXIS Q60 PTZ Dome Network Camera Series	Q6045-C Mk II	supported by specification
AXIS Q60 PTZ Dome Network Camera Series	Q6045-E	ver.5.55.1.3
AXIS Q60 PTZ Dome Network Camera Series	Q6045-E Mk II	supported by specification
AXIS Q60 PTZ Dome Network Camera Series	Q6045-S	ver.5.55.1.2
AXIS Q60 PTZ Dome Network Camera Series	Q6045-S Mk II	supported by specification
AXIS Q60 PTZ Dome Network Camera Series	Q6052	supported by specification
AXIS Q60 PTZ Dome Network Camera Series	Q6052-E	supported by specification
AXIS Q60 PTZ Dome Network Camera Series	Q6054	supported by specification
AXIS Q60 PTZ Dome Network Camera Series	Q6054-E	supported by specification
AXIS Q60 PTZ Dome Network Camera Series	Q6055	supported by specification
AXIS Q60 PTZ Dome Network Camera Series	Q6055-C	supported by specification
AXIS Q60 PTZ Dome Network Camera Series	Q6055-E	supported by specification
AXIS Q61 PTZ Dome Network Camera Series	Q6114-E	supported by specification
AXIS Q61 PTZ Dome Network Camera Series	Q6115-E	supported by specification

Preferred Integration Protocol: VAPIX3 (native protocol)

Video: All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs

Audio: All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711, AAC codecs

EdgeStorage: EdgeStorage Sync; EdgeStorage Gate (ONVIF protocol only and IPv4)

Controls: Pan, Tilt, Zoom/Zoom in on the selected area; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only); Recorded Tours (Call only); External Wiper; Sensors (inputs); Relays (outputs)

Dewarping: Live and Archive videos; ePTZ;

Network: Autodiscovery; Basic or Digest access authentication; IP-address/DNS; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative supported protocols: ONVIF, RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
AXIS Q61 PTZ Dome Network Camera Series	Q6128-E	supported by specification
AXIS Q61 PTZ Dome Network Camera Series	Q6155-E	supported by specification
AXIS Q74 Video Encoder Series	Q7401	ver.5.50.4
AXIS Q74 Video Encoder Series	Q7404	ver.5.50.4
AXIS Q74 Video Encoder Series	Q7406	ver.5.51.2
AXIS Q74 Video Encoder Series	Q7406 Blade	supported by specification
AXIS Q74 Video Encoder Series	Q7411	ver.5.40.13.2
AXIS Q74 Video Encoder Series	Q7414	ver.5.51.2
AXIS Q74 Video Encoder Series	Q7414 Blade	supported by specification
AXIS Q74 Video Encoder Series	Q7424-R	ver.5.50.4
AXIS Q74 Video Encoder Series	Q7424-R Mk II	ver.5.50.4
AXIS Q74 Video Encoder Series	Q7436	ver.5.55.3.6
AXIS Q74 Video Encoder Series	Q7436 Blade	supported by specification
AXIS Q8414-LVS Network Camera	Q8414-LVS	ver.5.40.1.1
AXIS Q86 PTH Network Camera Series	Q8631-E	supported by specification
AXIS Q86 PTH Network Camera Series	Q8632-E	supported by specification
AXIS Q86 PTH Network Camera Series	Q8665-E	supported by specification
AXIS Q86 PTH Network Camera Series	Q8665-LE	supported by specification
AXIS Q87-E Network Camera Series	Q8721-E	ver.5.50.4.1
AXIS Q87-E Network Camera Series	Q8722-E	ver.5.50.4.1
AXIS V59 PTZ Network Camera Series	V5914	ver.5.75.1
AXIS V59 PTZ Network Camera Series	V5915	ver.5.75.1
AXIS XF40 Explosion-protected cameras	XF40-Q1765	supported by specification
AXIS XF60 Explosion-protected cameras	XF60-Q1765	supported by specification
AXIS XP40 Explosion-protected cameras	XP40-Q1765	supported by specification
AXIS Q16 Network Camera Series	Q1647	supported by specification
AXIS Q16 Network Camera Series	Q1647-LE	supported by specification
AXIS Q16 Network Camera Series	Q1645	supported by specification
AXIS Q16 Network Camera Series	Q1645-LE	supported by specification
AXIS Q16 Network Camera Series	Q1615 Mk III	supported by specification
AXIS Q16 Network Camera Series	Q1615-LE Mk III	supported by specification
AXIS P13 Network Camera Series	P1378	supported by specification
AXIS P13 Network Camera Series	P1378-LE	supported by specification
AXIS P13 Network Camera Series	P1377	supported by specification
AXIS P13 Network Camera Series	P1377-LE	supported by specification
AXIS P13 Network Camera Series	P1375	supported by specification
AXIS P13 Network Camera Series	P1375-E	supported by specification
AXIS M11 Network Camera Series	M1134	supported by specification
AXIS M11 Network Camera Series	M1135	supported by specification
AXIS M11 Network Camera Series	M1135-E	supported by specification
AXIS M11 Network Camera Series	M1137	supported by specification

Preferred Integration Protocol: VAPIX3 (native protocol)

Video: All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs

Audio: All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711, AAC codecs

EdgeStorage: EdgeStorage Sync; EdgeStorage Gate (ONVIF protocol only and IPv4)

Controls: Pan, Tilt, Zoom/Zoom in on the selected area; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only); Recorded Tours (Call only); External Wiper; Sensors (inputs); Relays (outputs)

Dewarping: Live and Archive videos; ePTZ;

Network: Autodiscovery; Basic or Digest access authentication; IP-address/DNS; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative supported protocols: ONVIF, RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
AXIS M11 Network Camera Series	M1137-E	supported by specification
AXIS Q17 Network Camera Series	Q1798-LE	supported by specification
AXIS Q17 Network Camera Series	Q1786-LE	supported by specification
AXIS Q17 Network Camera Series	Q1785-LE	supported by specification
AXIS Q17 Network Camera Series	Q1700-LE	supported by specification
AXIS M20 Network Camera Series	M2026-LE Mk II	supported by specification
AXIS P14 Network Camera Series	P1455-LE	supported by specification
AXIS P14 Network Camera Series	P1448-LE	supported by specification
AXIS P14 Network Camera Series	P1447-LE	supported by specification
AXIS F Series	F4005	supported by specification
AXIS F Series	F4005-E	supported by specification
AXIS F Series	F1035-E	supported by specification
AXIS F Series	F1025	supported by specification
AXIS F Series	F1015	supported by specification
AXIS F Series	F1005-E	supported by specification
AXIS F Series	F1004	supported by specification
AXIS F Series	F1004 Bullet	supported by specification
AXIS F Series	F1004 Pinhole	supported by specification
AXIS FA Series	FA54	supported by specification
AXIS FA Series	FA4115	supported by specification
AXIS FA Series	FA4090-E	supported by specification
AXIS FA Series	FA3105-L	supported by specification
AXIS FA Series	FA1125	supported by specification
AXIS FA Series	FA1105	supported by specification
AXIS FA Series	FA1080-E	supported by specification
AXIS P12 Network Camera Series	P1245	supported by specification
AXIS P12 Network Camera Series	P1265	supported by specification
AXIS P12 Network Camera Series	P1275	supported by specification
AXIS P12 Network Camera Series	P1280-E	supported by specification
AXIS P12 Network Camera Series	P1290-E	supported by specification
AXIS Q92 Network Camera Series	Q9216-SLV	supported by specification
AXIS Q35 Network Camera Series	Q3517-LVE	supported by specification
AXIS Q35 Network Camera Series	Q3517-LV	supported by specification
AXIS Q35 Network Camera Series	Q3517-SLVE	supported by specification
AXIS Q35 Network Camera Series	Q3518-LVE	supported by specification
AXIS Q35 Network Camera Series	Q3527-LVE	supported by specification
AXIS P91 Network Camera Series	P9106-V	supported by specification
AXIS P39 Network Camera Series	P3935-LR	supported by specification
AXIS P39 Network Camera Series	P3925-R	supported by specification
AXIS P39 Network Camera Series	P3925-LRE	supported by specification
AXIS P39 Network Camera Series	P3905-R Mk II	supported by specification

Preferred Integration Protocol: VAPIX3 (native protocol)

Video: All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs

Audio: All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711, AAC codecs

EdgeStorage: EdgeStorage Sync; EdgeStorage Gate (ONVIF protocol only and IPv4)

Controls: Pan, Tilt, Zoom/Zoom in on the selected area; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only); Recorded Tours (Call only); External Wiper; Sensors (inputs); Relays (outputs)

Dewarping: Live and Archive videos; ePTZ;

Network: Autodiscovery; Basic or Digest access authentication; IP-address/DNS; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative supported protocols: ONVIF, RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
AXIS P39 Network Camera Series	P3904-R Mk II	supported by specification
AXIS P38 Network Camera Series	P3807-PVE	supported by specification
AXIS P37 Network Camera Series	P3719-PLE	supported by specification
AXIS P37 Network Camera Series	P3717-PLE	supported by specification
AXIS P37 Network Camera Series	P3715-PLVE	supported by specification
AXIS P33 Network Camera Series	P3374-LV	supported by specification
AXIS P33 Network Camera Series	P3374-V	supported by specification
AXIS P33 Network Camera Series	P3375-LVE	supported by specification
AXIS P33 Network Camera Series	P3375-VE	supported by specification
AXIS P33 Network Camera Series	P3375-LV	supported by specification
AXIS P33 Network Camera Series	P3375-V	supported by specification
AXIS P32 Network Camera Series	P3245-LVE	supported by specification
AXIS P32 Network Camera Series	P3245-LV	supported by specification
AXIS P32 Network Camera Series	P3245-VE	supported by specification
AXIS P32 Network Camera Series	P3245-V	supported by specification
AXIS P32 Network Camera Series	P3247-LVE	supported by specification
AXIS P32 Network Camera Series	P3247-LV	supported by specification
AXIS P32 Network Camera Series	P3248-LVE	supported by specification
AXIS P32 Network Camera Series	P3248-LV	supported by specification
AXIS P32 Network Camera Series	P3255-LVE	supported by specification
AXIS M42 Network Camera Series	M4206-LV	supported by specification
AXIS M42 Network Camera Series	M4206-V	supported by specification
AXIS M32 Network Camera Series	M3206-LVE	supported by specification
AXIS M32 Network Camera Series	M3205-LVE	supported by specification
AXIS M31 Network Camera Series	M3116-LVE	supported by specification
AXIS M31 Network Camera Series	M3115-LVE	supported by specification
AXIS M30 Network Camera Series	M3075-V	supported by specification
AXIS M30 Network Camera Series	M3068-P	supported by specification
AXIS M30 Network Camera Series	M3067-P	supported by specification
AXIS M30 Network Camera Series	M3066-V	supported by specification
AXIS M30 Network Camera Series	M3065-V	supported by specification
AXIS M30 Network Camera Series	M3064-V	supported by specification
AXIS M30 Network Camera Series	M3015	supported by specification
AXIS M30 Network Camera Series	M3016	supported by specification
AXIS M30 Network Camera Series	M3057-PLVE Mk II	supported by specification
AXIS M30 Network Camera Series	M3058-PLVE	supported by specification
AXIS M30 Network Camera Series	M3077-PLVE	supported by specification
AXIS Q61 PTZ Dome Network Camera Series	Q6100-E	supported by specification
AXIS Q61 PTZ Dome Network Camera Series	Q6135-LE PTZ	supported by specification
AXIS Q61 PTZ Dome Network Camera Series	Q6154-E	supported by specification
AXIS Q62 PTZ Dome Network Camera Series	Q6215-LE	supported by specification

Preferred Integration Protocol: VAPIX3 (native protocol)

Video: All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs

Audio: All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711, AAC codecs

EdgeStorage: EdgeStorage Sync; EdgeStorage Gate (ONVIF protocol only and IPv4)

Controls: Pan, Tilt, Zoom/Zoom in on the selected area; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only); Recorded Tours (Call only); External Wiper; Sensors (inputs); Relays (outputs)

Dewarping: Live and Archive videos; ePTZ;

Network: Autodiscovery; Basic or Digest access authentication; IP-address/DNS; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative supported protocols: ONVIF, RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
AXIS Q60 PTZ Dome Network Camera Series	Q6010-E	supported by specification
AXIS Q60 PTZ Dome Network Camera Series	Q6074-E	supported by specification
AXIS Q60 PTZ Dome Network Camera Series	Q6074	supported by specification
AXIS Q60 PTZ Dome Network Camera Series	Q6075-E	supported by specification
AXIS Q60 PTZ Dome Network Camera Series	Q6075-SE	supported by specification
AXIS Q60 PTZ Dome Network Camera Series	Q6075	supported by specification
AXIS V59 PTZ Network Camera Series	V5925	supported by specification
AXIS P56 PTZ Dome Network Camera Series	P5655-E	supported by specification
AXIS P56 PTZ Dome Network Camera Series	P5654-E	supported by specification
AXIS M50 PTZ Dome Network Camera Series	M5054	supported by specification
AXIS M50 PTZ Dome Network Camera Series	M5055	supported by specification
AXIS M50 PTZ Dome Network Camera Series	M5065	supported by specification
AXIS M50 PTZ Dome Network Camera Series	M5525-E	supported by specification
AXIS Q87 PTZ Network Camera Series	Q8752-E, zoom	supported by specification
AXIS Q87 PTZ Network Camera Series	Q8752-E	supported by specification
AXIS Q86 PTZ Network Camera Series	Q8685-E	supported by specification
AXIS Q86 PTZ Network Camera Series	Q8685-LE	supported by specification
AXIS Q86 PTZ Network Camera Series	Q8642-E	supported by specification
AXIS Q86 PTZ Network Camera Series	Q8641-E	supported by specification
AXIS Explosion-protected cameras	XF40-Q2901	supported by specification
AXIS Explosion-protected cameras	XF60-Q2901	supported by specification
AXIS Explosion-protected cameras	XP40-Q1942	supported by specification
AXIS Explosion-protected cameras	XP40-Q1785	supported by specification
AXIS A80 Network Video Door Station	A8016-LVE	supported by specification
AXIS A81 Network Video Door Station	A8105-E	supported by specification
AXIS A82 Network Video Door Station	A8207-VE Mk II	supported by specification
AXIS Video Encoder Series	291 1U	supported by specification
AXIS Q79 Video Encoder Series	Q7920	supported by specification
AXIS P73 Video Encoder Series	P7304	supported by specification
AXIS P72 Video Encoder Series	P7224	supported by specification
AXIS M71 Video Encoder Series	M7104	supported by specification
AXIS Visual PTZ Explosion-protected cameras	ExCam XPT Q6075	supported by specification
AXIS Visual PTZ Explosion-protected cameras	D201-S XPT Q6055	supported by specification
AXIS Explosion-protected cameras	ExCam XF Q1785	supported by specification
AXIS Explosion-protected cameras	ExCam XF P1367	supported by specification
AXIS Explosion-protected cameras	ExCam XF M3016	supported by specification
AXIS Explosion-protected cameras	ExCam XF Q1645	supported by specification
AXIS Explosion-protected cameras	F101-A XF Q1785	supported by specification
AXIS Explosion-protected cameras	F101-A XF P1377	supported by specification
AXIS Explosion-protected cameras	D101-A XF P3807	supported by specification
AXIS Wireless I/O Series	T834	supported by specification

Preferred Integration Protocol: VAPIX3 (native protocol)

Video: All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs

Audio: All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711, AAC codecs

EdgeStorage: EdgeStorage Sync; EdgeStorage Gate (ONVIF protocol only and IPv4)

Controls: Pan, Tilt, Zoom/Zoom in on the selected area; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only); Recorded Tours (Call only); External Wiper; Sensors (inputs); Relays (outputs)

Dewarping: Live and Archive videos; ePTZ;

Network: Autodiscovery; Basic or Digest access authentication; IP-address/DNS; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative supported protocols: ONVIF, RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
AXIS PIR Motion Detector	T8331	supported by specification
AXIS PIR Motion Detector	T8331-E	supported by specification
AXIS Audio and I/O Interface	T6101	supported by specification
AXIS Audio and I/O Interface	T6112	supported by specification

Integration protocol: ONVIF

Video: All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs; UDP/TCP protocols

Audio: All channels available in device; Microphone (audio-in); G.711, AAC codecs

EdgeStorage: EdgeStorage Sync and EdgeStorage Gate for h264 or h265 codecs for IPv4 only

Controls: Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only); Sensors (inputs); Relays (outputs)

Network: Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the integration protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Basler IP Fixed Box Camera	BIP2-1000c	ver.3.8.1
Basler IP Fixed Box Camera	BIP2-1000c-dn	ver.3.8.1
Basler IP Fixed Box Camera	BIP2-1280c	ver.3.8.1
Basler IP Fixed Box Camera	BIP2-1280c-dn	ver.3.8.1
Basler IP Fixed Box Camera	BIP2-1300c	ver.3.8.1
Basler IP Fixed Box Camera	BIP2-1300c-dn	ver.3.8.1
Basler IP Fixed Box Camera	BIP2-1600-25c	ver.3.8.1
Basler IP Fixed Box Camera	BIP2-1600-25c-dn	ver.3.8.1
Basler IP Fixed Box Camera	BIP2-1600c	ver.3.8.1
Basler IP Fixed Box Camera	BIP2-1600c-dn	ver.3.8.1
Basler IP Fixed Box Camera	BIP2-1920-30c	ver.3.8.1
Basler IP Fixed Box Camera	BIP2-1920c-25c	ver.3.8.1
Basler IP Fixed Box Camera	BIP2-1920c	ver.3.8.1
Basler IP Fixed Box Camera	BIP2-1920c-dn	ver.3.8.1
Basler IP Fixed Box Camera	BIP2-2500c	ver.3.8.1
Basler IP Fixed Box Camera	BIP2-2500c-dn	ver.3.8.1
Basler IP Fixed Box Camera	BIP2-640c	ver.3.8.1
Basler IP Fixed Box Camera	BIP2-640c-dn	ver.3.8.1
Basler IP Fixed Dome Camera	BIP2-D1000c-dn	ver.3.8.1
Basler IP Fixed Dome Camera	BIP2-D1300c-dn	ver.3.8.1
Basler IP Fixed Dome Camera	BIP2-D1920c-dn	ver.3.8.1
Basler IP Fixed Dome Camera	BIP2-D1920c-dn-af	ver.3.8.1

Integration protocol: ONVIF

Video: All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs; UDP/TCP protocols

Audio: All channels available in device; Microphone (audio-in); G.711, AAC codecs

EdgeStorage: EdgeStorage Sync and EdgeStorage Gate for h264 or h265 codecs for IPv4 only

Controls: Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only); Sensors (inputs); Relays (outputs)

Network: Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the integration protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative integration protocol: RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Beward IP Box Camera - SV series	SV2015M	supported by specification
Beward IP Box Camera - SV series	SV2215B	supported by specification
Beward IP Dome Camera - SV series	SV3210D	supported by specification
Beward IP Dome Camera - SV series	SV3210DB	supported by specification
Beward IP Dome Camera - SV series	SV3210DBS	supported by specification
Beward IP Dome Camera - SV series	SV3210DBZ	supported by specification
Beward IP Dome Camera - SV series	SV3210DM	supported by specification
Beward IP Dome Camera - SV series	SV3210DR	supported by specification
Beward IP Dome Camera - SV series	SV3210DVZ	supported by specification
Beward IP Box Camera - SV series	SV3210M	supported by specification
Beward IP Bullet Camera - SV series	SV3210R	supported by specification
Beward IP PTZ Dome Camera - SV series	SV3210-R30	ver.41.7.58.71-r2
Beward IP Bullet Camera - SV series	SV3210RBZ	supported by specification
Beward IP Bullet Camera - SV series	SV3210RC	supported by specification
Beward IP Bullet Camera - SV series	SV3210RZ	supported by specification
Beward IP Zoom Bullet Camera - SV series	SV3210RZX	supported by specification
Beward IP Dome Camera - SV series	SV3215DVZ	supported by specification
Beward IP Box Camera - SV series	SV3215M	ver.43.7.58.69
Beward IP PTZ Dome Camera - SV series	SV3215-R30P	supported by specification
Beward IP Bullet Camera - SV series	SV3215RBZ	supported by specification
Beward IP Bullet Camera - SV series	SV3215RZ	supported by specification
Beward IP Zoom Bullet Camera - SV series	SV3215RZX	supported by specification
Beward IP Fisheye Camera - SV series	SV6020FLM	supported by specification
Beward IP Camera - N series	N100	supported by specification
Beward IP Camera - N series	N1000	supported by specification
Beward IP Camera - N series	N120	supported by specification
Beward IP Camera - N series	N120S	supported by specification
Beward IP Camera - N series	N1250	supported by specification
Beward IP Camera - N series	N13101	supported by specification
Beward IP Camera - N series	N13102	supported by specification
Beward IP Camera - N series	N13103	supported by specification
Beward IP Camera - N series	N13200	supported by specification
Beward IP Camera - N series	N13201	supported by specification
Beward IP Camera - N series	N300	supported by specification
Beward IP Camera - N series	N320	supported by specification
Beward IP Camera - N series	N35110	supported by specification
Beward IP Camera - N series	N37210	supported by specification
Beward IP Camera - N series	N500	supported by specification
Beward IP Camera - N series	N520	supported by specification
Beward IP Camera - N series	N600	supported by specification
Beward IP Camera - N series	N630	supported by specification
Beward IP Camera - N series	N6603	supported by specification
Beward PTZ IP Camera	B89R-3270Z18	ver.bw20150624NSXp

Integration protocol: ONVIF

Video: All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs; UDP/TCP protocols

Audio: All channels available in device; Microphone (audio-in); G.711, AAC codecs

EdgeStorage: EdgeStorage Sync and EdgeStorage Gate for h264 or h265 codecs for IPv4 only

Controls: Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only); Sensors (inputs); Relays (outputs)

Network: Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the integraton protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative integration protocol: RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Beward PTZ IP Camera	B89R-5260Z18	supported by specification
Beward PTZ IP Camera	BD133	ver.bw20131205NSA
Beward PTZ IP Camera	BD133P	ver.bw20150707NSA
Beward PTZ IP Camera	BD134P	supported by specification
Beward PTZ IP Camera	BD135	ver.bw20131205NSA
Beward PTZ IP Camera	BD135P	ver.bw20150707NSA
Beward PTZ IP Camera	BD136P	supported by specification
Beward PTZ IP Camera	BD137P	ver.bw20150601NSZ
Beward IP Camera	BD2070DV	ver.w20130117ANS
Beward IP Camera	BD2070DVH	ver.w20130117BNS
Beward IP Camera	BD2570	ver.bw20150707NSA
Beward IP Camera	BD2570DVZ	ver.bw20150707NSA
Beward IP Camera	BD2570RVZ	ver.bw20150707NSA
Beward IP Camera	BD2570RVZX	ver.bw20150617NSX
Beward IP Camera	BD3070	ver.w20100722NS
Beward IP Camera	BD3170	ver.bw20150617NSX
Beward IP Camera	BD3270	ver.bw20150617NSX
Beward IP Camera	BD3270RVZX	supported by specification
Beward IP Camera	BD3270Z	ver.bw20150617NSX
Beward IP Camera	BD3270Z18	supported by specification
Beward IP Camera	BD3370	ver. bw20150707NSA
Beward IP Camera	BD3370DRV	supported by specification
Beward IP Camera	BD3570	ver. bw20150707NSA
Beward IP Camera	BD3570D	ver. bw20150707NSA
Beward IP Camera	BD3570DM	ver. bw20150707NSA
Beward IP Camera	BD3570DR	ver.bw20150707NSA
Beward IP Camera	BD3570DRV	ver.bw20150707NSA
Beward IP Camera	BD3570DRZ	ver. bw20150707NSA
Beward IP Camera	BD3570DV	ver.bw20150707NSA
Beward IP Camera	BD3570DVZ	ver.bw20150707NSA
Beward IP Camera	BD3570RC	ver.bw20150707NSA
Beward IP Camera	BD3570RCV	supported by specification
Beward IP Camera	BD3570RCV2	ver.bw20150707NSA
Beward IP Camera	BD3570RV	ver.bw20150707NSA
Beward IP Camera	BD3570RVZ	ver.bw20150707NSA
Beward IP Camera	BD3570RVZX	ver.bw20131205NSA
Beward IP Camera	BD3590Z30	ver.bw20150601NSZ
Beward IP Camera	BD35C	ver.bw20150707NSA
Beward IP Camera	BD3670FL	ver.bw20150601NSZ
Beward IP Camera	BD3670FL2	supported by specification
Beward IP Camera	BD3670M	ver.bw20150601NSZ
Beward IP Camera	BD3730M	supported by specification
Beward IP Camera	BD3990FL2	supported by specification
Beward IP Camera	BD3990FLM	supported by specification

Integration protocol: ONVIF

Video: All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs; UDP/TCP protocols

Audio: All channels available in device; Microphone (audio-in); G.711, AAC codecs

EdgeStorage: EdgeStorage Sync and EdgeStorage Gate for h264 or h265 codecs for IPv4 only

Controls: Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only); Sensors (inputs); Relays (outputs)

Network: Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the integraton protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative integration protocol: RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Beward IP Camera	BD4070	ver.w20130117ANS
Beward IP Camera	BD4070D	ver.w20130117ANS
Beward IP Camera	BD4070DH	ver.w20130117BNS
Beward IP Camera	BD4070DV	ver.w20130117ANS
Beward IP Camera	BD4070H	ver.w20130117BNS
Beward IP Camera	BD4070R	ver.w20130117ANS
Beward IP Camera	BD4330	ver.bw20131205NSA
Beward IP Camera	BD4330D	ver.bw20131205NSA
Beward IP Camera	BD4330DH	ver.bw20131205NSA
Beward IP Camera	BD4330DM	ver.bw20150707NSA
Beward IP Camera	BD4330DS	ver.bw20140516NSA
Beward IP Camera	BD4330DV	ver.bw20131205NSA
Beward IP Camera	BD4330DVH	ver.bw20131205NSA
Beward IP Camera	BD4330H	ver.bw20150707NSA
Beward IP Camera	BD4330R	ver.bw20131205NSA
Beward IP Camera	BD4330RH	ver.bw20131205NSA
Beward IP Camera	BD4330RV	ver.bw20131205NSA
Beward IP Camera	BD4330RVH	ver.bw20131205NSA
Beward IP Camera	BD4330RVZ	ver.bw20150707NSA
Beward IP Camera	BD4330RVZH	ver.bw20150707NSA
Beward IP Camera	BD4330RVZX	ver.bw20150707NSA
Beward IP Camera	BD4370	ver.bw20131205NSA
Beward IP Camera	BD4370D	supported by specification
Beward IP Camera	BD4370DV	supported by specification
Beward IP Camera	BD4370R	supported by specification
Beward IP Camera	BD4370RV	supported by specification
Beward IP Camera	BD43C	ver.bw20150707NSA
Beward IP Camera	BD43CW	ver.bw20140805NSA-WiFi
Beward IP Camera	BD4570	ver.bw20131205NSA
Beward IP Camera	BD4630RC	ver.bw20150707NSA
Beward IP Camera	BD4630RCV2	ver.bw20150707NSA
Beward IP Camera	BD4640DM	supported by specification
Beward IP Camera	BD4640DR	supported by specification
Beward IP Camera	BD4640DS	supported by specification
Beward IP Camera	BD4640RC	ver.bw20150707NSA
Beward IP Camera	BD4640RCV2	supported by specification
Beward IP Camera	BD4680	supported by specification
Beward IP Camera	BD4680DRV	supported by specification
Beward IP Camera	BD4680DRZ	supported by specification
Beward IP Camera	BD4680DV	supported by specification
Beward IP Camera	BD4680DVZ	supported by specification
Beward IP Camera	BD4680RV	supported by specification
Beward IP Camera	BD4680RVZ	supported by specification
Beward IP Camera	BD4690RV	ver.bw20150601NSZ

Integration protocol: ONVIF

Video: All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs; UDP/TCP protocols

Audio: All channels available in device; Microphone (audio-in); G.711, AAC codecs

EdgeStorage: EdgeStorage Sync and EdgeStorage Gate for h264 or h265 codecs for IPv4 only

Controls: Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only); Sensors (inputs); Relays (outputs)

Network: Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the integration protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative integration protocol: RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Beward IP Camera	BD4690RVZ	ver.bw20150707NSA
Beward IP Camera	BD5260	supported by specification
Beward IP Camera	BD5260Z18	supported by specification
Beward IP Camera	BD46C	supported by specification
Beward PTZ IP Camera	BD65-1	ver.w20130117ANS
Beward PTZ IP Camera	BD65-5	ver.w20130117ANS
Beward PTZ IP Camera	BD75-1	supported by specification
Beward PTZ IP Camera	BD75-1P	supported by specification
Beward PTZ IP Camera	BD75-5	ver.w20130117ANS
Beward PTZ IP Camera	BD75-5P	supported by specification
Beward IP Camera	BD24356DR	ver. bw20180305NSQ
Beward IP Camera	BD91881F-STL1	ver. bw20180416NSZ
Beward IP Encoder	B1001	supported by specification
Beward IP Encoder	B1001-3G	supported by specification
Beward IP Encoder	B1001P	supported by specification
Beward IP Encoder	B1001W	supported by specification
Beward IP Encoder	B1012	supported by specification
Beward IP Encoder	B1014	ver.3.1.0.0.2.21
Beward IP Encoder	B1014H	supported by specification
Beward IP Encoder	B1018	ver.3.1.0.0.2.21
Beward IP Encoder	B101S	ver.3.1.0.0.1.18
Beward IP Encoder	B102S	ver.3.1.0.0.3.18
Beward IP Camera	B1055	supported by specification
Beward IP Camera	B1055D	supported by specification
Beward IP Camera	B1062	supported by specification
Beward IP Camera	B1062DX	supported by specification
Beward IP Camera	B1070	supported by specification
Beward IP Camera	B1070D	supported by specification
Beward IP Camera	B1072	supported by specification
Beward IP Camera	B1072D	supported by specification
Beward IP Camera	B1073	supported by specification
Beward IP Camera	B1073DX	supported by specification
Beward IP Camera	B1073DXP	supported by specification
Beward IP Camera	B1076FRV	supported by specification
Beward IP Encoder	B1114	supported by specification
Beward IP Camera	B1210DM	ver.3.1.0.1.4.18
Beward IP Camera	B1210R	ver.3.1.0.1.4.18
Beward IP Camera	B12C	ver.3.1.0.1.4.18
Beward IP Camera	B12CW	ver.3.1.0.1.4.18
Beward PTZ IP Camera	B130	supported by specification
Beward IP Camera	B1510	ver.3.1.0.1.5.18
Beward IP Camera	B1510DR	ver.3.1.0.1.5.18
Beward IP Camera	B1510RCVZ	ver.3.1.0.1.5.18
Beward IP Camera	B1510RV	ver.3.1.0.1.5.18

Integration protocol: ONVIF

Video: All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs; UDP/TCP protocols

Audio: All channels available in device; Microphone (audio-in); G.711, AAC codecs

EdgeStorage: EdgeStorage Sync and EdgeStorage Gate for h264 or h265 codecs for IPv4 only

Controls: Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only); Sensors (inputs); Relays (outputs)

Network: Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the integration protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative integration protocol: RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Beward IP Camera	B1710	supported by specification
Beward IP Camera	B1710DM	ver.3.1.0.1.4.18
Beward IP Camera	B1710DMR	ver.3.1.0.1.4.18
Beward IP Camera	B1710DR	ver.3.1.0.1.4.18
Beward IP Camera	B1710DV	ver.3.1.0.1.4.18
Beward IP Camera	B1710RV	supported by specification
Beward IP Camera	B1720	supported by specification
Beward IP Camera	B1731C	ver. 3.1.0.1.5.18.1
Beward IP Camera	B2.920D	supported by specification
Beward IP Camera	B2.920DX	supported by specification
Beward IP Camera	B2.920DXP	supported by specification
Beward IP Camera	B2.920F	supported by specification
Beward IP Camera	B2.970	supported by specification
Beward IP Camera	B2.970F	supported by specification
Beward IP Camera	B2.980	supported by specification
Beward IP Camera	B2.980F	supported by specification
Beward IP Camera	B2.980FP	supported by specification
Beward IP Camera	B2250	supported by specification
Beward IP Camera	B23510Z20	ver. 3.1.0.1.2.19.1
Beward IP Camera	B236518RV	ver. 3.1.1.1.3.17.1
Beward IP Camera	B2710	ver.3.1.0.0.3.17
Beward IP Camera	B2710DM	supported by specification
Beward IP Camera	B2710DMR	ver.3.1.0.0.3.17
Beward IP Camera	B2710DR	ver.3.1.0.0.3.17
Beward IP Camera	B2710DVZ	ver.3.1.0.0.3.17
Beward IP Camera	B2710R	ver.3.1.0.0.3.17
Beward IP Camera	B2710RV	ver.3.1.0.0.3.17
Beward IP Camera	B2710RVZ	ver.3.1.0.0.3.17
Beward IP Camera	B2710RZK	ver.3.1.0.0.3.17
Beward IP Camera	B2710RZQ	ver.3.1.0.0.3.17
Beward IP Camera	B2720	supported by specification
Beward IP Camera	B2720DV	ver.3.1.0.0.2.16
Beward IP Camera	B2720DVZ	supported by specification
Beward IP Camera	B2720RV	supported by specification
Beward IP Camera	B2720RVQ	ver.3.1.0.0.2.16
Beward IP Camera	B2720RVZ	supported by specification
Beward IP Camera	B2720RZK	supported by specification
Beward IP Camera	B2720RZQ	supported by specification
Beward IP Camera	B28325DV	ver. 3.1.1.1.3.17.1
Beward PTZ IP Camera	B55-3	supported by specification
Beward PTZ IP Camera	B55-3H	ver.3.1.0.0.2.19
Beward IP Camera	B5650	supported by specification
Beward PTZ IP Camera	B85-20	supported by specification
Beward PTZ IP Camera	B85-20H	ver.3.1.0.0.2.19

Integration protocol: ONVIF

Video: All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs; UDP/TCP protocols

Audio: All channels available in device; Microphone (audio-in); G.711, AAC codecs

EdgeStorage: EdgeStorage Sync and EdgeStorage Gate for h264 or h265 codecs for IPv4 only

Controls: Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only); Sensors (inputs); Relays (outputs)

Network: Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the integration protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative integration protocol: RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Beward PTZ IP Camera	B87L-7-IP	supported by specification
Beward PTZ IP Camera	B96-30	supported by specification
Beward PTZ IP Camera	B96-30H	ver.3.1.0.0.2.19
Beward Video Door Panel	DKS15120	ver. 3.1.0.0.3.18.14
Beward Video Door Panel	DKS850121	ver. 3.1.1.5.3.18.1
Beward Video Door Panel	DSN06P	ver. 3.1.15.0.6.18.4
Beward Video Door Panel	DSN06PS	ver. 3.1.15.0.6.18.4
Beward Video Door Panel	DSN23215PS	ver. 3.1.1.3.6.18.1
Beward IP Camera	B12CR	supported by specification
Beward IP Camera	B12CRW	supported by specification
Beward IP Camera	B2230	supported by specification
Beward IP Camera	B4230	supported by specification
Beward IP Camera	B2230-LP	supported by specification
Beward IP Camera	B1510DV	supported by specification
Beward IP Camera	B2520DVZ	supported by specification
Beward IP Camera	B2710RCVZ	supported by specification
Beward IP Camera	B4230RCVZ	supported by specification
Beward IP Camera	B2520RV	supported by specification
Beward IP Camera	B2520RVZ	supported by specification
Beward IP Camera	B4230RVZ	supported by specification
Beward IP Camera	B2710RV-B1	supported by specification
Beward IP Camera	B2710RVZ-B1	supported by specification
Beward IP Camera	B2230RVZ-B1	supported by specification
Beward IP Camera	B4230RVZ-B1	supported by specification
Beward IP Camera	B2520RZQ	supported by specification
Beward IP Camera	B2520RZK	supported by specification
Beward IP Camera	SV2215M	supported by specification
Beward IP Camera	SV2010DM	supported by specification
Beward IP Camera	SV2010DVZ	supported by specification
Beward IP Camera	SV3210RZ2	supported by specification
Beward IP Camera	SV3215RZ2	supported by specification
Beward IP Camera	SV2010RBZ	supported by specification
Beward IP Camera	SV2215RBZ	supported by specification
Beward IP Camera	SV3210RCB	supported by specification
Beward IP Camera	SV5020RBZ	supported by specification
Beward IP Camera	SV2010RZX	supported by specification
Beward IP Camera	SV2015RZX	supported by specification
Beward IP Camera	BD4685	supported by specification
Beward IP Camera	BD3595Z33	supported by specification
Beward IP Camera	BD4685DV	supported by specification
Beward IP Camera	BD4685DVZ	supported by specification
Beward IP Camera	BD4685RV	supported by specification
Beward IP Camera	BD4685RVZ	supported by specification
Beward IP PTZ Camera	B55-5H	supported by specification

Integration protocol: ONVIF

Video: All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs; UDP/TCP protocols

Audio: All channels available in device; Microphone (audio-in); G.711, AAC codecs

EdgeStorage: EdgeStorage Sync and EdgeStorage Gate for h264 or h265 codecs for IPv4 only

Controls: Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only); Sensors (inputs); Relays (outputs)

Network: Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the integration protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative integration protocol: RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Beward IP PTZ Camera	B85-20H2	supported by specification
Beward IP PTZ Camera	B57-30RW	supported by specification
Beward IP PTZ Camera	SV5020-R36	supported by specification
Beward IP PTZ Camera	SV2015-R23P2	supported by specification
Beward IP PTZ Camera	SV3215-R30P2	supported by specification
Beward IP PTZ Camera	BD143P30	supported by specification
Beward IP PTZ Camera	SV208R22	supported by specification
Beward IP PTZ Camera	SV2215-R36P2	supported by specification
Beward IP PTZ Camera	B89R-3595Z33	supported by specification
Beward IP PTZ Camera	B89L2-5230Z40	supported by specification
Beward Video Door Panel	DS06M	supported by specification
Beward Video Door Panel	DS06A	supported by specification
Beward Video Door Panel	DKS15133	supported by specification
Beward Video Door Panel	DKS15103	supported by specification
Beward Video Door Panel	DKS15123	supported by specification
Beward Video Door Panel	DKS20210	supported by specification

Preferred Integration Protocol: ONVIF (common protocol)

Video: All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs; UDP/TCP protocols;

Audio: All channels available in device; Microphone (audio-in); G.711, AAC codecs;

EdgeStorage: EdgeStorage Sync and EdgeStorage Gate for h264 or h265 codecs;

Controls: Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only); Sensors (inputs); Relays (outputs);

Network: Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS;

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Supported Protocols: RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Bolide PTZ Dome Camera	BC1009-PTZ3GIP	supported by specification
Bolide Fisheye Camera	BN1008FE	supported by specification
Bolide PTZ Dome Camera	BN1009/IRPTZ-30	supported by specification
Bolide PTZ Dome Camera	BN1009M/PTZ18	supported by specification
Bolide PTZ Dome Camera	BN1009M/PTZ22	supported by specification
Bolide PTZ Dome Camera	BN1009M/PTZ-22	supported by specification
Bolide PTZ Dome Camera	BN1009M-PTZ-18	supported by specification
Bolide PTZ Dome Camera	BN1009-PTZWDRIP	supported by specification
Bolide Dome Camera	BN2002IP	supported by specification
Bolide Box Camera	BN2002WDRIP	supported by specification
Bolide Dome Camera	BN2009AVAIRIP	supported by specification
Bolide Dome Camera	BN2009IRIP	supported by specification
Bolide Dome Camera	BN2009WDRVAIRIP	supported by specification
Bolide Box Camera	BN2035IRIP	supported by specification
Bolide Box Camera	BN5002M	tested by partner
Bolide Box Camera	BN5002M2	supported by specification
Bolide Box Camera	BN5002M5	supported by specification
Bolide Dome Camera	BN5009M	supported by specification
Bolide Dome Camera	BN5009M	supported by specification
Bolide Dome Camera	BN5009M2M	supported by specification
Bolide Dome Camera	BN5009M2M	supported by specification
Bolide Dome Camera	BN5009M5	supported by specification
Bolide Dome Camera	BN5009M-A	supported by specification
Bolide Dome Camera	BN5009M-I	supported by specification
Bolide Box Camera	BN5035M	supported by specification
Bolide Bullet Camera	BN5035M	supported by specification
Bolide Bullet Camera	BN5035M2	supported by specification
Bolide Bullet Camera	BN5035M5	supported by specification
Bolide Bullet Camera	BN5035M-A	supported by specification
Bolide Dome Camera	BN6009M2	supported by specification
Bolide Dome Camera	BN6009M2WD	supported by specification
Bolide Dome Camera	BN6009M4	supported by specification
Bolide Bullet Camera	BN6035M2	supported by specification
Bolide Bullet Camera	BN6035M4	supported by specification
Bolide Eyeball Camera	BN7019	supported by specification
Bolide Eyeball Camera	BN7029	supported by specification
Bolide Dome Camera	BN7029AVAIR	supported by specification
Bolide Bullet Camera	BN7035	supported by specification
Bolide Bullet Camera	BN7036	supported by specification
Bolide Bullet Camera	BN7036M	supported by specification

Integration Protocol: CGI (native protocol)

Video: All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs

Audio: All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711, AAC codecs

EdgeStorage: EdgeStorage Sync; EdgeStorage Gate (ONVIF protocol only)

Analytics: Native Bosch embedded analytic detectors (IVA)

Controls: PTZ (OSRD, BiCom), Focus (+/-); Iris (+/-), Presets (a Call only); Tours (a Call only), Embedded Wiper; Relays (outputs), Sensors (inputs)

Network: Autodiscovery; Basic or Digest access authentication; IP-address/DNS; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Protocols: ONVIF, RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Bosch MIC IP starlight 7000 HD	MIC-7130-PB4	ver.6.11.0019
Bosch MIC IP starlight 7000 XT	MIC-7130-PB4PB	ver.6.11.0019
Bosch MIC IP starlight 7000 HD	MIC-7130-PG4	ver.6.11.0019
Bosch MIC IP starlight 7000 HD	MIC-7130-PW4	ver.6.11.0019
Bosch MIC IP starlight 7000 XT	MIC-7130-PW4PB	ver.6.11.0019
Bosch MIC IP starlight 7000 HD	MIC-7230-B5	supported by specification
Bosch MIC IP starlight 7000 HD	MIC-7230-G5	supported by specification
Bosch MIC IP dynamic 7000 HD	MIC-7230-PB4	ver.6.11.0019
Bosch MIC IP starlight 7000 XT	MIC-7230-PB4PB	ver.6.11.0019
Bosch MIC IP dynamic 7000 HD	MIC-7230-PG4	ver.6.11.0019
Bosch MIC IP dynamic 7000 HD	MIC-7230-PW4	ver.6.11.0019
Bosch MIC IP starlight 7000 XT	MIC-7230-PW4PB	ver.6.11.0019
Bosch MIC IP starlight 7000 HD	MIC-7230-W5	supported by specification
Bosch MIC 9000 fusion	MIC-7502-Z30B	supported by specification
Bosch MIC 9000 fusion	MIC-7502-Z30B-B	supported by specification
Bosch MIC 9000 fusion	MIC-7502-Z30B-U	supported by specification
Bosch MIC 9000 fusion	MIC-7502-Z30G	supported by specification
Bosch MIC 9000 fusion	MIC-7502-Z30W	supported by specification
Bosch MIC 9000 fusion	MIC-9502-Z30BQF	supported by specification
Bosch MIC 9000 fusion	MIC-9502-Z30BQS	supported by specification
Bosch MIC 9000 fusion	MIC-9502Z30BV-B	supported by specification
Bosch MIC 9000 fusion	MIC-9502-Z30BVF	supported by specification
Bosch MIC 9000 fusion	MIC-9502-Z30BVFX	supported by specification
Bosch MIC 9000 fusion	MIC-9502-Z30BVS	supported by specification
Bosch MIC 9000 fusion	MIC-9502Z30BV-U	supported by specification
Bosch MIC 9000 fusion	MIC-9502-Z30DQF	supported by specification
Bosch MIC 9000 fusion	MIC-9502-Z30DQS	supported by specification
Bosch MIC 9000 fusion	MIC-9502-Z30DVF	supported by specification
Bosch MIC 9000 fusion	MIC-9502-Z30DVFX	supported by specification
Bosch MIC 9000 fusion	MIC-9502-Z30DVS	supported by specification
Bosch MIC 9000 fusion	MIC-9502-Z30GQF	supported by specification
Bosch MIC 9000 fusion	MIC-9502-Z30GQS	supported by specification
Bosch MIC 9000 fusion	MIC-9502-Z30GVF	supported by specification
Bosch MIC 9000 fusion	MIC-9502-Z30GVFX	supported by specification
Bosch MIC 9000 fusion	MIC-9502-Z30GVS	supported by specification
Bosch MIC 9000 fusion	MIC-9502-Z30WQF	supported by specification
Bosch MIC 9000 fusion	MIC-9502-Z30WQS	supported by specification
Bosch MIC 9000 fusion	MIC-9502-Z30WVF	supported by specification
Bosch MIC 9000 fusion	MIC-9502-Z30WVFX	supported by specification
Bosch MIC 9000 fusion	MIC-9502-Z30WVS	supported by specification
Bosch MIC VIP	MIC-IPIR-PS-115	ver.5.73.0046

Integration Protocol: CGI (native protocol)

Video: All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs

Audio: All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711, AAC codecs

EdgeStorage: EdgeStorage Sync; EdgeStorage Gate (ONVIF protocol only)

Analytics: Native Bosch embedded analytic detectors (IVA)

Controls: PTZ (OSRD, BiCom), Focus (+/-); Iris (+/-), Presets (a Call only); Tours (a Call only), Embedded Wiper; Relays (outputs), Sensors (inputs)

Network: Autodiscovery; Basic or Digest access authentication; IP-address/DNS; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Protocols: ONVIF, RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Bosch MIC VIP	MIC-IP-PS-230	ver.5.73.0046
Bosch MIC VIP	MIC-IP-PS-24	ver.5.73.0046
Bosch MIC VIP	MIC-IP-PS-115	ver.5.73.0046
Bosch MIC VIP	MIC-IP-PS-230	ver.5.73.0046
Bosch MIC VIP	MIC-IP-PS-24	ver.5.73.0046
Bosch MIC 9000 fusion	MIC-ITS9530BVF	supported by specification
Bosch MIC 9000 fusion	MIC-ITS9530WVF	supported by specification
Bosch DINION IP imager 9000 HD	NAI-90022-AAA	ver.6.11.0019
Bosch DINION IP imager 9000 HD	NAI-90022-AAA-C	supported by specification
Bosch NBC-225-P	NBC-225-P	ver.5.73.0046
Bosch NBC-255-P	NBC-255-P	ver.5.73.0046
Bosch NBC-255-W	NBC-255-W	ver.5.73.0046
Bosch NBC-265-P	NBC-265-P	ver.5.73.0046
Bosch NBC-265-W	NBC-265-W	ver.5.73.0046
Bosch DINION NBC-455-P	NBC-455-11P	ver.5.73.0046
Bosch DINION NBC-455-P IVA	NBC-455-12IP	ver.5.73.0046
Bosch DINION NBC-455-P IVA	NBC-455-12P	ver.5.73.0046
Bosch DINION NBC-455-P IVA	NBC-455-14IP	ver.5.73.0046
Bosch DINION NBC-455-P	NBC-455-21P	ver.5.73.0046
Bosch DINION NBC-455-P IVA	NBC-455-22IP	ver.5.73.0046
Bosch DINION NBC-455-P IVA	NBC-455-22P	ver.5.73.0046
Bosch DINION IP 3000 XT	NBE-3002-AL	supported by specification
Bosch Bullet Camera 2MP AVF	NBE-4502-AL	supported by specification
Bosch Bullet Camera 2MP AVF	NBE-4502-ALAR	supported by specification
Bosch DINION IP bullet 4000i	NBE-4502-AL-W	supported by specification
Bosch Bullet Camera 5MP AVF	NBE-5503-AL	supported by specification
Bosch DINION IP bullet 5000i	NBE-5503-AL-W	supported by specification
Bosch Bullet Camera 5MP AVF	NBE-6502-AL	supported by specification
Bosch DINION IP 4000 HD	NBN-40012-C	ver.6.11.0019
Bosch DINION IP 4000 HD	NBN-40012-V3	ver.6.11.0019
Bosch DINION NBN-498-P	NBN-498-11P	ver.5.73.0046
Bosch DINION NBN-498-P IVA	NBN-498-12IP	ver.5.73.0046
Bosch DINION NBN-498-P IVA	NBN-498-12P	ver.5.73.0046
Bosch DINION NBN-498-P IVA	NBN-498-14IP	ver.5.73.0046
Bosch DINION NBN-498-P IVA	NBN-498-14P	ver.5.73.0046
Bosch DINION NBN-498-P	NBN-498-21P	ver.5.73.0046
Bosch DINION NBN-498-P IVA	NBN-498-22IP	ver.5.73.0046
Bosch DINION NBN-498-P IVA	NBN-498-22P	ver.5.73.0046
Bosch DINION IP 5000 HD	NBN-50022-C	ver.6.11.0019
Bosch DINION IP 5000 HD	NBN-50022-V3	ver.6.11.0019
Bosch DINION IP 5000 MP	NBN-50051-C	ver.6.11.0019
Bosch DINION IP 5000 MP	NBN-50051-V3	ver.6.11.0019

Integration Protocol: CGI (native protocol)

Video: All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs

Audio: All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711, AAC codecs

EdgeStorage: EdgeStorage Sync; EdgeStorage Gate (ONVIF protocol only)

Analytics: Native Bosch embedded analytic detectors (IVA)

Controls: PTZ (OSRD, BiCom), Focus (+/-); Iris (+/-), Presets (a Call only); Tours (a Call only), Embedded Wiper; Relays (outputs), Sensors (inputs)

Network: Autodiscovery; Basic or Digest access authentication; IP-address/DNS; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Protocols: ONVIF, RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Bosch DINION IP 5000 HD	NBN-51022-C	supported by specification
Bosch DINION IP 5000 HD	NBN-51022-V3	supported by specification
Bosch DINION IP starlight 6000 HD	NBN-63013-B	supported by specification
Bosch DINION IP starlight 6000 HD	NBN-63023-B	supported by specification
Bosch DINION IP starlight 7000 HD	NBN-71013-B	ver.6.11.0019
Bosch DINION IP starlight 7000 HD	NBN-71013-BA	ver.6.11.0019
Bosch DINION IP 7000 HD	NBN-71022-B	ver.6.11.0019
Bosch DINION IP 7000 HD	NBN-71022-BA	ver.6.11.0019
Bosch DINION IP dynamic 7000 HD	NBN-71027-BA	ver.6.11.0019
Bosch DINION IP starlight 7000 HD	NBN-73013-BA	supported by specification
Bosch DINION IP starlight 7000 HD	NBN-73023-BA	supported by specification
Bosch DINION IP starlight 7000 HD	NBN-733V-IP	ver.6.11.0019
Bosch DINION IP starlight 7000 HD	NBN-733V-P	ver.6.11.0019
Bosch DINION IP starlight 8000 MP	NBN-80052-BA	ver.6.11.0006
Bosch DINION IP ultra 8000 MP	NBN-80122-CA	ver.6.11.0006
Bosch DINION IP panoramic 8000 MP	NBN-80122-F0A	supported by specification
Bosch DINION IP panoramic 8000 MP	NBN-80122-F1A	supported by specification
Bosch DINION IP ultra 8000 MP	NBN-80122-F2A	ver.6.11.0006
Bosch DINION IP ultra 8000 MP	NBN-80122-F6A	ver.6.11.0006
Bosch DINION IP 7000 HD	NBN-832V-IP	ver.6.11.0019
Bosch DINION IP 7000 HD	NBN-832V-P	ver.6.11.0019
Bosch DINION NBN-921-P IVA	NBN-921-14IP	ver.5.73.0046
Bosch DINION NBN-921-P IVA	NBN-921-2P	ver.5.73.0046
Bosch DINION NBN-921-P	NBN-921-3P	ver.5.73.0046
Bosch DINION NBN-921-P IVA	NBN-921-4IP	ver.5.73.0046
Bosch DINION NBN-921-P IVA	NBN-921-IP	ver.5.73.0046
Bosch DINION NBN-921-P	NBN-921-P	ver.5.73.0046
Bosch DINION IP dynamic 7000 HD	NBN-932V-IP	ver.6.11.0019
Bosch FLEXIDOME IP corner 9000 MP	NCN-90022-F1	ver.6.11.0019
Bosch NDC-225-P	NDC-225-P	ver.5.73.0046
Bosch NDC-225-PI	NDC-225-PI	ver.5.73.0046
Bosch NDC-255-P	NDC-255-P	ver.5.73.0046
Bosch NDC-265-P	NDC-265-P	ver.5.73.0046
Bosch NDC-274-P	NDC-274-P	ver.6.11.0019
Bosch NDC-274-P	NDC-274-PM	ver.6.11.0019
Bosch NDC-274-P	NDC-274-PT	ver.6.11.0019
Bosch NDC-284-P	NDC-284-PT	ver.6.11.0019
Bosch FLEXIDOME NDC-455-P	NDC-455V03-11P	ver.5.73.0046
Bosch FLEXIDOME NDC-455-P	NDC-455V03-11PS	ver.5.73.0046
Bosch FLEXIDOME NDC-455-P IVA	NDC-455V03-12IP	ver.5.73.0046
Bosch FLEXIDOME NDC-455-P IVA	NDC-455V03-12IPS	ver.5.73.0046
Bosch FLEXIDOME NDC-455-P IVA	NDC-455V03-12P	ver.5.73.0046

Integration Protocol: CGI (native protocol)

Video: All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs

Audio: All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711, AAC codecs

EdgeStorage: EdgeStorage Sync; EdgeStorage Gate (ONVIF protocol only)

Analytics: Native Bosch embedded analytic detectors (IVA)

Controls: PTZ (OSRD, BiCom), Focus (+/-); Iris (+/-), Presets (a Call only); Tours (a Call only), Embedded Wiper; Relays (outputs), Sensors (inputs)

Network: Autodiscovery; Basic or Digest access authentication; IP-address/DNS; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Protocols: ONVIF, RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Bosch FLEXIDOME NDC-455-P IVA	NDC-455V03-12PS	ver.5.73.0046
Bosch FLEXIDOME NDC-455-P	NDC-455V03-21P	ver.5.73.0046
Bosch FLEXIDOME NDC-455-P	NDC-455V03-21PS	ver.5.73.0046
Bosch FLEXIDOME NDC-455-P IVA	NDC-455V03-22IP	ver.5.73.0046
Bosch FLEXIDOME NDC-455-P IVA	NDC-455V03-22IPS	ver.5.73.0046
Bosch FLEXIDOME NDC-455-P IVA	NDC-455V03-22P	ver.5.73.0046
Bosch FLEXIDOME NDC-455-P IVA	NDC-455V03-22PS	ver.5.73.0046
Bosch FLEXIDOME NDC-455-P	NDC-455V09-11P	ver.5.73.0046
Bosch FLEXIDOME NDC-455-P	NDC-455V09-11PS	ver.5.73.0046
Bosch FLEXIDOME NDC-455-P IVA	NDC-455V09-12IP	ver.5.73.0046
Bosch FLEXIDOME NDC-455-P IVA	NDC-455V09-12IPS	ver.5.73.0046
Bosch FLEXIDOME NDC-455-P IVA	NDC-455V09-12P	ver.5.73.0046
Bosch FLEXIDOME NDC-455-P IVA	NDC-455V09-12PS	ver.5.73.0046
Bosch FLEXIDOME NDC-455-P	NDC-455V09-21P	ver.5.73.0046
Bosch FLEXIDOME NDC-455-P	NDC-455V09-21PS	ver.5.73.0046
Bosch FLEXIDOME NDC-455-P IVA	NDC-455V09-22IP	ver.5.73.0046
Bosch FLEXIDOME NDC-455-P IVA	NDC-455V09-22IPS	ver.5.73.0046
Bosch FLEXIDOME NDC-455-P IVA	NDC-455V09-22P	ver.5.73.0046
Bosch FLEXIDOME NDC-455-P IVA	NDC-455V09-22PS	ver.5.73.0046
Bosch FLEXIDOME IP micro 2000	NDE-2002-F2	supported by specification
Bosch FLEXIDOME IP micro 2000	NDE-2002-F4	supported by specification
Bosch FLEXIDOME IP micro 2000	NDE-2003-F2	supported by specification
Bosch FLEXIDOME IP micro 2000	NDE-2003-F4	supported by specification
Bosch FLEXIDOME IP 3000i IR	NDE-3502-AL	supported by specification
Bosch FLEXIDOME IP 3000i IR	NDE-3503-AL	supported by specification
Bosch Fixed Dome 2MP AVF	NDE-4502-A	supported by specification
Bosch FLEXIDOME IP 4000i	NDE-4502-A-A	supported by specification
Bosch Fixed Dome 2MP AVF	NDE-4502-AL	supported by specification
Bosch Fixed Dome 2MP AVF	NDE-4502-ALAR	supported by specification
Bosch Fixed Dome 5MP AVF	NDE-5503-A	supported by specification
Bosch FLEXIDOME IP 5000i	NDE-5503-A-A	supported by specification
Bosch Fixed Dome 5MP AVF	NDE-5503-AL	supported by specification
Bosch FLEXIDOME IP 5000i	NDE-5503-A-W	supported by specification
Bosch FLEXIDOME IP indoor 3000	NDI-3002-B	supported by specification
Bosch FLEXIDOME IP outdoor 4000 IR	NDI-40012-V3	ver.6.11.0019
Bosch FLEXIDOME IP outdoor 4000 IR	NDI-41012-V3	ver.6.11.0019
Bosch Fixed Dome 2MP AVF	NDI-4502-A	supported by specification
Bosch FLEXIDOME IP 4000i	NDI-4502-A-A	supported by specification
Bosch Fixed Dome 2MP AVF	NDI-4502-AAR	supported by specification
Bosch Fixed Dome 2MP AVF	NDI-4502-AL	supported by specification
Bosch FLEXIDOME IP 4000i	NDI-4502-A-W	supported by specification
Bosch FLEXIDOME IP outdoor 5000 IR	NDI-50022-A3	ver.6.11.0019

Integration Protocol: CGI (native protocol)

Video: All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs

Audio: All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711, AAC codecs

EdgeStorage: EdgeStorage Sync; EdgeStorage Gate (ONVIF protocol only)

Analytics: Native Bosch embedded analytic detectors (IVA)

Controls: PTZ (OSRD, BiCom), Focus (+/-); Iris (+/-), Presets (a Call only); Tours (a Call only), Embedded Wiper; Relays (outputs), Sensors (inputs)

Network: Autodiscovery; Basic or Digest access authentication; IP-address/DNS; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Protocols: ONVIF, RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Bosch FLEXIDOME IP outdoor 5000 IR	NDI-50022-V3	ver.6.11.0019
Bosch FLEXIDOME IP outdoor 5000 IR	NDI-50051-A3	ver.6.11.0019
Bosch FLEXIDOME IP outdoor 5000 IR	NDI-50051-V3	supported by specification
Bosch FLEXIDOME IP outdoor 5000 IR	NDI-51022-V3	supported by specification
Bosch Fixed Dome 5MP AVF	NDI-5503-A	supported by specification
Bosch FLEXIDOME IP 5000i	NDI-5503-A-A	supported by specification
Bosch Fixed Dome 5MP AVF	NDI-5503-AL	supported by specification
Bosch FLEXIDOME IP 5000i	NDI-5503-A-W	supported by specification
Bosch FLEXIDOME IP 7000 RD	NDN 832V02-IP	supported by specification
Bosch FLEXIDOME IP 7000 RD	NDN 832V03-IP	supported by specification
Bosch FLEXIDOME IP 7000 RD	NDN 832V09-IP	supported by specification
Bosch FLEXIDOME IP 7000 RD	NDN 832V09-P	supported by specification
Bosch NDN-265-PIO	NDN-265-PIO	ver.5.73.0046
Bosch FLEXIDOME IP outdoor 4000 HD	NDN-40012-V3	ver.6.11.0019
Bosch FLEXIDOME IP outdoor 4000 HD	NDN-41012-V3	ver.6.11.0019
Bosch FLEXIDOME NDN-498-P	NDN-498V03-11P	ver.5.73.0046
Bosch FLEXIDOME NDN-498-P	NDN-498V03-11PS	ver.5.73.0046
Bosch FLEXIDOME NDN-498-P IVA	NDN-498V03-12IP	ver.5.73.0046
Bosch FLEXIDOME NDN-498-P IVA	NDN-498V03-12IPS	ver.5.73.0046
Bosch FLEXIDOME NDN-498-P IVA	NDN-498V03-12P	ver.5.73.0046
Bosch FLEXIDOME NDN-498-P IVA	NDN-498V03-12PS	ver.5.73.0046
Bosch FLEXIDOME NDN-498-P	NDN-498V03-21P	ver.5.73.0046
Bosch FLEXIDOME NDN-498-P	NDN-498V03-21PS	ver.5.73.0046
Bosch FLEXIDOME NDN-498-P IVA	NDN-498V03-22IP	ver.5.73.0046
Bosch FLEXIDOME NDN-498-P IVA	NDN-498V03-22IPS	ver.5.73.0046
Bosch FLEXIDOME NDN-498-P IVA	NDN-498V03-22P	ver.5.73.0046
Bosch FLEXIDOME NDN-498-P IVA	NDN-498V03-22PS	ver.5.73.0046
Bosch FLEXIDOME NDN-498-P IVA	NDN-498V06-12IPS	ver.5.73.0046
Bosch FLEXIDOME NDN-498-P IVA	NDN-498V06-22IPS	ver.5.73.0046
Bosch FLEXIDOME NDN-498-P	NDN-498V09-11P	ver.5.73.0046
Bosch FLEXIDOME NDN-498-P	NDN-498V09-11PS	ver.5.73.0046
Bosch FLEXIDOME NDN-498-P IVA	NDN-498V09-12IP	ver.5.73.0046
Bosch FLEXIDOME NDN-498-P IVA	NDN-498V09-12IPS	ver.5.73.0046
Bosch FLEXIDOME NDN-498-P IVA	NDN-498V09-12P	ver.5.73.0046
Bosch FLEXIDOME NDN-498-P IVA	NDN-498V09-12PS	ver.5.73.0046
Bosch FLEXIDOME NDN-498-P	NDN-498V09-21P	ver.5.73.0046
Bosch FLEXIDOME NDN-498-P	NDN-498V09-21PS	ver.5.73.0046
Bosch FLEXIDOME NDN-498-P IVA	NDN-498V09-22IP	ver.5.73.0046
Bosch FLEXIDOME NDN-498-P IVA	NDN-498V09-22IPS	ver.5.73.0046
Bosch FLEXIDOME NDN-498-P IVA	NDN-498V09-22P	ver.5.73.0046
Bosch FLEXIDOME NDN-498-P IVA	NDN-498V09-22PS	ver.5.73.0046
Bosch FLEXIDOME IP outdoor 5000 HD	NDN-50022-A3	ver.6.11.0019

Integration Protocol: CGI (native protocol)

Video: All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs

Audio: All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711, AAC codecs

EdgeStorage: EdgeStorage Sync; EdgeStorage Gate (ONVIF protocol only)

Analytics: Native Bosch embedded analytic detectors (IVA)

Controls: PTZ (OSRD, BiCom), Focus (+/-); Iris (+/-), Presets (a Call only); Tours (a Call only), Embedded Wiper; Relays (outputs), Sensors (inputs)

Network: Autodiscovery; Basic or Digest access authentication; IP-address/DNS; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Protocols: ONVIF, RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Bosch FLEXIDOME IP outdoor 5000 HD	NDN-50022-V3	ver.6.11.0019
Bosch FLEXIDOME IP outdoor 5000 MP	NDN-50051-A3	ver.6.11.0019
Bosch FLEXIDOME IP outdoor 5000 MP	NDN-50051-V3	ver.6.11.0019
Bosch FLEXIDOME IP outdoor 5000 HD	NDN-51022-V3	supported by specification
Bosch FLEXIDOME IP outdoor 5000 MP	NDN-51051-V3	supported by specification
Bosch FLEXIDOME IP starlight 7000 RD	NDN-733V02-IP	ver.6.11.0019
Bosch FLEXIDOME IP starlight 7000 RD	NDN-733V02-P	ver.6.11.0019
Bosch FLEXIDOME IP starlight 7000 RD	NDN-733V03-IP	ver.6.11.0019
Bosch FLEXIDOME IP starlight 7000 RD	NDN-733V03-P	ver.6.11.0019
Bosch FLEXIDOME IP starlight 7000 RD	NDN-733V09-IP	ver.6.11.0019
Bosch FLEXIDOME IP starlight 7000 RD	NDN-733V09-P	ver.6.11.0019
Bosch FLEXIDOME IP starlight 8000 MP	NDN-80052-F2A	supported by specification
Bosch FLEXIDOME IP starlight 8000 MP	NDN-80052-F6A	supported by specification
Bosch FLEXIDOME IP panoramic 8000 MP	NDN-80122-F0A	supported by specification
Bosch FLEXIDOME IP panoramic 8000 MP	NDN-80122-F1A	supported by specification
Bosch FLEXIDOME IP ultra 8000 MP	NDN-80122-F2A	supported by specification
Bosch FLEXIDOME IP ultra 8000 MP	NDN-80122-F6A	supported by specification
Bosch FLEXIDOME IP 7000 RD	NDN-832V02-IP	ver.6.11.0019
Bosch FLEXIDOME IP 7000 RD	NDN832V02-P	supported by specification
Bosch FLEXIDOME IP 7000 RD	NDN-832V02-P	ver.6.11.0019
Bosch FLEXIDOME IP 7000 RD	NDN-832V03-IP	ver.6.11.0019
Bosch FLEXIDOME IP 7000 RD	NDN832V03-P	supported by specification
Bosch FLEXIDOME IP 7000 RD	NDN-832V03-P	ver.6.11.0019
Bosch FLEXIDOME IP 7000 RD	NDN-832V09-IP	ver.6.11.0019
Bosch FLEXIDOME IP 7000 RD	NDN-832V09-P	ver.6.11.0019
Bosch FLEXIDOME NDN-921-P IVA	NDN-921V03-2P	ver.5.73.0046
Bosch FLEXIDOME NDN-921-P IVA	NDN-921V03-2PS	ver.5.73.0046
Bosch FLEXIDOME NDN-921-P	NDN-921V03-3P	ver.5.73.0046
Bosch FLEXIDOME NDN-921-P	NDN-921V03-3PS	ver.5.73.0046
Bosch FLEXIDOME NDN-921-P IVA	NDN-921V03-4IP	ver.5.73.0046
Bosch FLEXIDOME NDN-921-P IVA	NDN-921V03-4IPS	ver.5.73.0046
Bosch FLEXIDOME NDN-921-P IVA	NDN-921V03-IP	ver.5.73.0046
Bosch FLEXIDOME NDN-921-P IVA	NDN-921V03-IPS	ver.5.73.0046
Bosch FLEXIDOME NDN-921-P	NDN-921V03-P	ver.5.73.0046
Bosch FLEXIDOME NDN-921-P	NDN-921V03-PS	ver.5.73.0046
Bosch FLEXIDOME IP dynamic 7000 RD	NDN-932V02-IP	ver.6.11.0019
Bosch FLEXIDOME IP dynamic 7000 RD	NDN-932V03-IP	ver.6.11.0019
Bosch FLEXIDOME IP dynamic 7000 RD	NDN-932V09-IP	ver.6.11.0019
Bosch AutoDome IP 4000i	NDP-4502-Z12	supported by specification
Bosch AutoDome IP 4000i	NDP-4502-Z12C	supported by specification
Bosch AutoDome IP 4000i	NDP-5502-Z30	supported by specification
Bosch AUTODOME IP 5000i	NDP-5502-Z30-A	supported by specification

Integration Protocol: CGI (native protocol)

Video: All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs

Audio: All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711, AAC codecs

EdgeStorage: EdgeStorage Sync; EdgeStorage Gate (ONVIF protocol only)

Analytics: Native Bosch embedded analytic detectors (IVA)

Controls: PTZ (OSRD, BiCom), Focus (+/-); Iris (+/-), Presets (a Call only); Tours (a Call only), Embedded Wiper; Relays (outputs), Sensors (inputs)

Network: Autodiscovery; Basic or Digest access authentication; IP-address/DNS; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Protocols: ONVIF, RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Bosch AutoDome IP 4000i	NDP-5502-Z30C	supported by specification
Bosch AutoDome IP 4000i	NDP-5502-Z30L	supported by specification
Bosch AUTODOME IP starlight 5000i	NDP-5512-Z30	supported by specification
Bosch AUTODOME IP starlight 5000i	NDP-5512-Z30C	supported by specification
Bosch AUTODOME IP starlight 5000i IR	NDP-5512-Z30L	supported by specification
Bosch AUTODOME IP starlight 7000i	NDP-7502-Z30-C	supported by specification
Bosch FLEXIDOME IP micro 3000i	NDV-3502-F02	supported by specification
Bosch FLEXIDOME IP micro 3000i	NDV-3502-F03	supported by specification
Bosch FLEXIDOME IP micro 3000i	NDV-3503-F02	supported by specification
Bosch FLEXIDOME IP micro 3000i	NDV-3503-F03	supported by specification
Bosch NEI-30 IR Imager IVA	NEI-308V05-12WE	ver.5.73.0046
Bosch NEI-30 IR Imager IVA	NEI-308V05-13WE	ver.5.73.0046
Bosch NEI-30 IR Imager IVA	NEI-308V05-22WE	ver.5.73.0046
Bosch NEI-30 IR Imager IVA	NEI-308V05-23WE	ver.5.73.0046
Bosch NEI-30 IR Imager IVA	NEI-309V05-12WE	ver.5.73.0046
Bosch NEI-30 IR Imager IVA	NEI-309V05-13WE	ver.5.73.0046
Bosch NEI-30 IR Imager IVA	NEI-309V05-22WE	ver.5.73.0046
Bosch NEI-30 IR Imager IVA	NEI-309V05-23WE	ver.5.73.0046
Bosch Dinion NER-L2	NER-L2R1-1	ver.5.73.0046
Bosch Dinion NER-L2	NER-L2R1-2	ver.5.73.0046
Bosch Dinion NER-L2	NER-L2R2-1	ver.5.73.0046
Bosch Dinion NER-L2	NER-L2R2-2	ver.5.73.0046
Bosch Dinion NER-L2	NER-L2R3-1	ver.5.73.0046
Bosch Dinion NER-L2	NER-L2R3-2	ver.5.73.0046
Bosch Dinion NER-L2	NER-L2R4-1	ver.5.73.0046
Bosch Dinion NER-L2	NER-L2R4-2	ver.5.73.0046
Bosch Dinion NER-L2	NER-L2R5-1	ver.5.73.0046
Bosch Dinion NER-L2	NER-L2R5-2	ver.5.73.0046
Bosch AUTODOME IP 4000 HD	NEZ-4112-CPCW4	supported by specification
Bosch AUTODOME IP 4000 HD	NEZ-4112-CPTW4	supported by specification
Bosch AutoDome IP 4000 HD	NEZ-4112-PPCW4	ver.6.11.0019
Bosch AutoDome IP 4000 HD	NEZ-4112-PPTW4	ver.6.11.0019
Bosch AutoDome IP 4000 HD	NEZ-4212-CPCW4	ver.6.11.0019
Bosch AUTODOME IP 4000 HD	NEZ-4212-CPTW4	supported by specification
Bosch AutoDome IP 4000 HD	NEZ-4212-PPCW4	ver.6.11.0019
Bosch AutoDome IP 4000 HD	NEZ-4212-PPTW4	ver.6.11.0019
Bosch AUTODOME IP 5000 HD	NEZ-5130-CPCW4	supported by specification
Bosch AUTODOME IP 5000 HD	NEZ-5130-CPTW4	supported by specification
Bosch AutoDome IP 5000 HD	NEZ-5130-EPCW4	ver.6.11.0019
Bosch AutoDome IP 5000 IR	NEZ-5130-IRCW4	ver.6.11.0019
Bosch AutoDome IP 5000 HD	NEZ-5130-PPCW4	ver.6.11.0019
Bosch AutoDome IP 5000 HD	NEZ-5130-PPTW4	ver.6.11.0019

Integration Protocol: CGI (native protocol)

Video: All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs

Audio: All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711, AAC codecs

EdgeStorage: EdgeStorage Sync; EdgeStorage Gate (ONVIF protocol only)

Analytics: Native Bosch embedded analytic detectors (IVA)

Controls: PTZ (OSRD, BiCom), Focus (+/-); Iris (+/-), Presets (a Call only); Tours (a Call only), Embedded Wiper; Relays (outputs), Sensors (inputs)

Network: Autodiscovery; Basic or Digest access authentication; IP-address/DNS; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Protocols: ONVIF, RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Bosch AutoDome IP 5000 HD	NEZ-5230-CPCW4	ver.6.11.0019
Bosch AUTODOME IP 5000 HD	NEZ-5230-CPTW4	supported by specification
Bosch AutoDome IP 5000 HD	NEZ-5230-EPCW4	ver.6.11.0019
Bosch AutoDome IP 5000 IR	NEZ-5230-IRCW4	ver.6.11.0019
Bosch AutoDome IP 5000 HD	NEZ-5230-PPCW4	ver.6.11.0019
Bosch AutoDome IP 5000 HD	NEZ-5230-PPTW4	ver.6.11.0019
Bosch FLEXIDOME IP panoramic 6000 IC	NFN-60122-F0	supported by specification
Bosch FLEXIDOME IP panoramic 6000 IC	NFN-60122-F1	supported by specification
Bosch FLEXIDOME IP panoramic 7000 IC	NFN-70122-F0	supported by specification
Bosch FLEXIDOME IP panoramic 7000 IC with IVA	NFN-70122-F0A	supported by specification
Bosch FLEXIDOME IP panoramic 7000 IC	NFN-70122-F1	supported by specification
Bosch FLEXIDOME IP panoramic 7000 IC with IVA	NFN-70122-F1A	supported by specification
Bosch DINION IP thermal 8000	NHT-8000-F07QF	supported by specification
Bosch DINION IP thermal 8000	NHT-8000-F07QS	supported by specification
Bosch DINION IP thermal 8000	NHT-8000-F19QF	supported by specification
Bosch DINION IP thermal 8000	NHT-8000-F19QS	supported by specification
Bosch DINION IP thermal 8000	NHT-8001-F09VF	supported by specification
Bosch DINION IP thermal 8000	NHT-8001-F09VS	supported by specification
Bosch DINION IP thermal 8000	NHT-8001-F17VF	supported by specification
Bosch DINION IP thermal 8000	NHT-8001-F17VS	supported by specification
Bosch DINION IP thermal 8000	NHT-8001-F35VF	supported by specification
Bosch DINION IP thermal 8000	NHT-8001-F35VS	supported by specification
Bosch DINION IP thermal 8000	NHT-8001-F65VF	supported by specification
Bosch DINION IP thermal 8000	NHT-8001-F65VS	supported by specification
Bosch FLEXIDOME IP indoor 4000 IR	NII-40012-V3	ver.6.11.0019
Bosch FLEXIDOME IP indoor 4000 IR	NII-41012-V3	ver.6.11.0019
Bosch FLEXIDOME IP indoor 5000 IR	NII-50022-A3	ver.6.11.0019
Bosch FLEXIDOME IP indoor 5000 IR	NII-50022-V3	ver.6.11.0019
Bosch FLEXIDOME IP indoor 5000 IR	NII-50051-A3	ver.6.11.0019
Bosch FLEXIDOME IP indoor 5000 IR	NII-50051-V3	supported by specification
Bosch FLEXIDOME IP indoor 5000 IR	NII-51022-V3	ver.6.11.0019
Bosch FLEXIDOME IP indoor 4000 HD	NIN-40012-V3	ver.6.11.0019
Bosch FLEXIDOME IP indoor 4000 HD	NIN-41012-V3	ver.6.11.0019
Bosch FLEXIDOME IP indoor 5000 HD	NIN-50022-A3	ver.6.11.0019
Bosch FLEXIDOME IP indoor 5000 HD	NIN-50022-V3	ver.6.11.0019
Bosch FLEXIDOME IP indoor 5000 MP	NIN-50051-A3	ver.6.11.0019
Bosch FLEXIDOME IP indoor 5000 MP	NIN-50051-V3	ver.6.11.0019
Bosch FLEXIDOME IP indoor 5000 HD	NIN-51022-V3	ver.6.11.0019
Bosch FLEXIDOME IP indoor 5000 MP	NIN-51051-V3	supported by specification
Bosch FLEXIDOME IP starlight 6000VR	NIN-63013-A3	supported by specification
Bosch FLEXIDOME IP starlight 6000VR	NIN-63013-A3S	supported by specification
Bosch FLEXIDOME IP starlight 6000VR	NIN-63023-A3	supported by specification

Integration Protocol: CGI (native protocol)

Video: All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs

Audio: All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711, AAC codecs

EdgeStorage: EdgeStorage Sync; EdgeStorage Gate (ONVIF protocol only)

Analytics: Native Bosch embedded analytic detectors (IVA)

Controls: PTZ (OSRD, BiCom), Focus (+/-); Iris (+/-), Presets (a Call only); Tours (a Call only), Embedded Wiper; Relays (outputs), Sensors (inputs)

Network: Autodiscovery; Basic or Digest access authentication; IP-address/DNS; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Protocols: ONVIF, RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Bosch FLEXODOME IP starlight 6000VR	NIN-63023-A3S	supported by specification
Bosch FLEXIDOME IP starlight 7000 VR	NIN-63023-A3S-W	supported by specification
Bosch FLEXIDOME IP panoramic 7000 MP	NIN-70122-F0	ver.6.11.0019
Bosch FLEXIDOME IP panoramic 7000 MP	NIN-70122-F0A	ver.6.11.0019
Bosch FLEXIDOME IP panoramic 7000 MP	NIN-70122-F0AS	supported by specification
Bosch FLEXIDOME IP panoramic 7000 MP	NIN-70122-F0S	supported by specification
Bosch FLEXIDOME IP panoramic 7000 MP	NIN-70122-F1	ver.6.11.0019
Bosch FLEXIDOME IP panoramic 7000 MP	NIN-70122-F1A	ver.6.11.0019
Bosch FLEXIDOME IP panoramic 7000 MP	NIN-70122-F1AS	supported by specification
Bosch FLEXIDOME IP panoramic 7000 MP	NIN-70122-F1S	supported by specification
Bosch FLEXIDOME IP starlight 7000 VR	NIN-73013-A10A	supported by specification
Bosch FLEXIDOME IP starlight 7000 VR	NIN-73013-A10AS	supported by specification
Bosch FLEXIDOME IP starlight 7000 VR	NIN-73013-A3A	supported by specification
Bosch FLEXIDOME IP starlight 7000 VR	NIN-73013-A3AS	supported by specification
Bosch FLEXIDOME IP starlight 7000 VR	NIN-73023-A10A	supported by specification
Bosch FLEXIDOME IP starlight 7000 VR	NIN-73023-A10A-A	supported by specification
Bosch FLEXIDOME IP starlight 7000 VR	NIN-73023-A10AS	supported by specification
Bosch FLEXIDOME IP starlight 7000 VR	NIN-73023-A3A	supported by specification
Bosch FLEXIDOME IP starlight 7000 VR	NIN-73023-A3AS	supported by specification
Bosch FLEXIDOME IP starlight 7000 VR	NIN-73023-A3AS-W	supported by specification
Bosch FLEXIDOME IP starlight 7000 VR	NIN-733-V03IP	ver.6.11.0019
Bosch FLEXIDOME IP starlight 7000 VR	NIN-733-V03IPS	ver.6.11.0019
Bosch FLEXIDOME IP starlight 7000 VR	NIN-733-V03P	ver.6.11.0019
Bosch FLEXIDOME IP starlight 7000 VR	NIN-733-V03PS	ver.6.11.0019
Bosch FLEXIDOME IP starlight 7000 VR	NIN-733-V10IP	ver.6.11.0019
Bosch FLEXIDOME IP starlight 7000 VR	NIN-733-V10IPS	ver.6.11.0019
Bosch FLEXIDOME IP starlight 7000 VR	NIN-733-V10P	ver.6.11.0019
Bosch FLEXIDOME IP starlight 7000 VR	NIN-733-V10PS	ver.6.11.0019
Bosch FLEXIDOME IP 7000 VR	NIN-832-V03IP	ver.6.11.0019
Bosch FLEXIDOME IP 7000 VR	NIN-832-V03IPS	ver.6.11.0019
Bosch FLEXIDOME IP 7000 VR	NIN-832-V03P	ver.6.11.0019
Bosch FLEXIDOME IP 7000 VR	NIN-832-V03PS	ver.6.11.0019
Bosch FLEXIDOME IP 7000 VR	NIN-832-V10IP	ver.6.11.0019
Bosch FLEXIDOME IP 7000 VR	NIN-832-V10IPS	ver.6.11.0019
Bosch FLEXIDOME IP 7000 VR	NIN-832-V10P	ver.6.11.0019
Bosch FLEXIDOME IP 7000 VR	NIN-832-V10PS	ver.6.11.0019
Bosch FLEXIDOME IP dynamic 7000 VR	NIN-932-V03IP	ver.6.11.0019
Bosch FLEXIDOME IP dynamic 7000 VR	NIN-932-V03IPS	ver.6.11.0019
Bosch FLEXIDOME IP dynamic 7000 VR	NIN-932-V10IP	ver.6.11.0019
Bosch FLEXIDOME IP dynamic 7000 VR	NIN-932-V10IPS	ver.6.11.0019
Bosch TINYON IP 2000	NPC-20002-F2	ver.6.11.0019
Bosch TINYON IP 2000 HD	NPC-20012-F2	ver.6.11.0019

Integration Protocol: CGI (native protocol)

Video: All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs

Audio: All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711, AAC codecs

EdgeStorage: EdgeStorage Sync; EdgeStorage Gate (ONVIF protocol only)

Analytics: Native Bosch embedded analytic detectors (IVA)

Controls: PTZ (OSRD, BiCom), Focus (+/-); Iris (+/-), Presets (a Call only); Tours (a Call only), Embedded Wiper; Relays (outputs), Sensors (inputs)

Network: Autodiscovery; Basic or Digest access authentication; IP-address/DNS; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Protocols: ONVIF, RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Bosch TINYON IP 2000 PIR	NPC-20012-F2L	ver.6.11.0019
Bosch TINYON IP 2000 PIR	NPC-20012-F2L-W	ver.6.11.0019
Bosch TINYON IP 2000 HD	NPC-20012-F2-W	supported by specification
Bosch TINYON IP 2000 WI	NPC-20012-F2WL	ver.6.11.0019
Bosch TINYON IP 2000 WI	NPC-20012-F2WL-W	ver.6.11.0019
Bosch NTC-255-PI	NTC-255-PI	ver.5.73.0046
Bosch NTC-265-PI	NTC-265-PI	ver.5.73.0046
Bosch DINION IP bullet 3000 HD	NTI-30012-V2	supported by specification
Bosch DINION IP bullet 4000	NTI-40012-A3	supported by specification
Bosch DINION IP bullet 4000 HD	NTI-40012-V3	ver.6.11.0019
Bosch DINION IP bullet 5000	NTI-50022-A3	supported by specification
Bosch DINION IP bullet 5000 HD	NTI-50022-V3	ver.6.11.0019
Bosch DINION IP bullet 5000 MP	NTI-50051-A3	supported by specification
Bosch DINION IP bullet 5000 HD	NTI-51022-A3S	supported by specification
Bosch DINION IP bullet 5000 HD	NTI-51022-V3	supported by specification
Bosch DINION IP bullet 5000 MP	NTI-51051-V3	supported by specification
Bosch FLEXIDOME IP micro 2000	NUC-20002-F2	ver.6.11.0019
Bosch FLEXIDOME IP micro 2000 HD	NUC-20012-F2	ver.6.11.0019
Bosch FLEXIDOME IP micro 2000	NUC-21002-F2	ver.6.11.0019
Bosch FLEXIDOME IP micro 2000 HD	NUC-21012-F2	ver.6.11.0019
Bosch FLEXIDOME IP micro 5000 HD	NUC-50022-F2	ver.6.11.0019
Bosch FLEXIDOME IP micro 5000 HD	NUC-50022-F2M	ver.6.11.0019
Bosch FLEXIDOME IP micro 5000 HD	NUC-50022-F4	ver.6.11.0019
Bosch FLEXIDOME IP micro 5000 MP	NUC-50051-F2	ver.6.11.0019
Bosch FLEXIDOME IP micro 5000 MP	NUC-50051-F2M	ver.6.11.0019
Bosch FLEXIDOME IP micro 5000 MP	NUC-50051-F4	ver.6.11.0019
Bosch FLEXIDOME IP micro 5000 HD	NUC-51022-F2	ver.6.11.0019
Bosch FLEXIDOME IP micro 5000 HD	NUC-51022-F2M	ver.6.11.0019
Bosch FLEXIDOME IP micro 5000 HD	NUC-51022-F2-W	supported by specification
Bosch FLEXIDOME IP micro 5000 HD	NUC-51022-F4	ver.6.11.0019
Bosch FLEXIDOME IP micro 5000 MP	NUC-51051-F2	ver.6.11.0019
Bosch FLEXIDOME IP micro 5000 MP	NUC-51051-F2M	ver.6.11.0019
Bosch FLEXIDOME IP micro 5000 MP	NUC-51051-F4	ver.6.11.0019
Bosch FLEXIDOME IP panoramic 5000 MP	NUC-52051-F0	ver.6.11.0019
Bosch FLEXIDOME IP panoramic 5000 MP	NUC-52051-F0E	ver.6.11.0019
Bosch FLEXIDOME IP panoramic 5000 MP	NUC-52051-F0-W	supported by specification
Bosch EXTEGRA IP starlight 9000 FX	NXF-9130-A4	supported by specification
Bosch EXTEGRA IP starlight 9000 FX	NXF-9130-S4	supported by specification
Bosch EXTEGRA IP dynamic 9000 FX	NXF-9230-A4	supported by specification
Bosch EXTEGRA IP dynamic 9000 FX	NXF-9230-S4	supported by specification
Bosch HD Conference Dome	VCD-811-ICT	ver.5.73.0046
Bosch HD Conference Dome	VCD-811-IWT	ver.5.73.0046

Integration Protocol: CGI (native protocol)

Video: All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs

Audio: All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711, AAC codecs

EdgeStorage: EdgeStorage Sync; EdgeStorage Gate (ONVIF protocol only)

Analytics: Native Bosch embedded analytic detectors (IVA)

Controls: PTZ (OSRD, BiCom), Focus (+/-); Iris (+/-), Presets (a Call only); Tours (a Call only), Embedded Wiper; Relays (outputs), Sensors (inputs)

Network: Autodiscovery; Basic or Digest access authentication; IP-address/DNS; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Protocols: ONVIF, RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Bosch AutoDome Easy II IP IVA	VEZ-211-ECCE	ver.5.73.0046
Bosch AutoDome Easy II IP IVA	VEZ-211-ECCEIVA	ver.5.73.0046
Bosch AutoDome Easy II IP	VEZ-211-ECCS	ver.5.73.0046
Bosch AutoDome Easy II IP IVA	VEZ-211-ECTE	ver.5.73.0046
Bosch AutoDome Easy II IP	VEZ-211-ECTS	ver.5.73.0046
Bosch AutoDome Easy II IP IVA	VEZ-211-EWCE	ver.5.73.0046
Bosch AutoDome Easy II IP IVA	VEZ-211-EWCEIVA	ver.5.73.0046
Bosch AutoDome Easy II IP	VEZ-211-EWCS	ver.5.73.0046
Bosch AutoDome Easy II IP IVA	VEZ-211-EWTE	ver.5.73.0046
Bosch AutoDome Easy II IP	VEZ-211-EWTS	ver.5.73.0046
Bosch AutoDome Easy II IP IVA	VEZ-211-ICCE	ver.5.73.0046
Bosch AutoDome Easy II IP IVA	VEZ-211-ICCEIVA	ver.5.73.0046
Bosch AutoDome Easy II IP	VEZ-211-ICCS	ver.5.73.0046
Bosch AutoDome Easy II IP IVA	VEZ-211-ICTE	ver.5.73.0046
Bosch AutoDome Easy II IP IVA	VEZ-211-ICTEIVA	ver.5.73.0046
Bosch AutoDome Easy II IP	VEZ-211-ICTS	ver.5.73.0046
Bosch AutoDome Easy II IP IVA	VEZ-211-IWCE	ver.5.73.0046
Bosch AutoDome Easy II IP IVA	VEZ-211-IWCEIVA	ver.5.73.0046
Bosch AutoDome Easy II IP	VEZ-211-IWCS	ver.5.73.0046
Bosch AutoDome Easy II IP IVA	VEZ-211-IWTE	ver.5.73.0046
Bosch AutoDome Easy II IP IVA	VEZ-211-IWTEIVA	ver.5.73.0046
Bosch AutoDome Easy II IP	VEZ-211-IWTS	ver.5.73.0046
Bosch AutoDome Easy II IP IVA	VEZ-221-ECCE	ver.5.73.0046
Bosch AutoDome Easy II IP IVA	VEZ-221-ECCEIVA	ver.5.73.0046
Bosch AutoDome Easy II IP	VEZ-221-ECCS	ver.5.73.0046
Bosch AutoDome Easy II IP IVA	VEZ-221-ECTE	ver.5.73.0046
Bosch AutoDome Easy II IP	VEZ-221-ECTS	ver.5.73.0046
Bosch AutoDome Easy II IP IVA	VEZ-221-EWCE	ver.5.73.0046
Bosch AutoDome Easy II IP IVA	VEZ-221-EWCEIVA	ver.5.73.0046
Bosch AutoDome Easy II IP	VEZ-221-EWSC	ver.5.73.0046
Bosch AutoDome Easy II IP IVA	VEZ-221-EWTE	ver.5.73.0046
Bosch AutoDome Easy II IP	VEZ-221-EWTS	ver.5.73.0046
Bosch AutoDome Easy II IP IVA	VEZ-221-ICCE	ver.5.73.0046
Bosch AutoDome Easy II IP IVA	VEZ-221-ICCEIVA	ver.5.73.0046
Bosch AutoDome Easy II IP	VEZ-221-ICCS	ver.5.73.0046
Bosch AutoDome Easy II IP IVA	VEZ-221-ICTE	ver.5.73.0046
Bosch AutoDome Easy II IP IVA	VEZ-221-ICTEIVA	ver.5.73.0046
Bosch AutoDome Easy II IP	VEZ-221-ICTS	ver.5.73.0046
Bosch AutoDome Easy II IP IVA	VEZ-221-IWCE	ver.5.73.0046
Bosch AutoDome Easy II IP IVA	VEZ-221-IWCEIVA	ver.5.73.0046
Bosch AutoDome Easy II IP	VEZ-221-IWCS	ver.5.73.0046
Bosch AutoDome Easy II IP IVA	VEZ-221-IWTE	ver.5.73.0046

Integration Protocol: CGI (native protocol)

Video: All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs

Audio: All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711, AAC codecs

EdgeStorage: EdgeStorage Sync; EdgeStorage Gate (ONVIF protocol only)

Analytics: Native Bosch embedded analytic detectors (IVA)

Controls: PTZ (OSRD, BiCom), Focus (+/-); Iris (+/-), Presets (a Call only); Tours (a Call only), Embedded Wiper; Relays (outputs), Sensors (inputs)

Network: Autodiscovery; Basic or Digest access authentication; IP-address/DNS; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Protocols: ONVIF, RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Bosch AutoDome Easy II IP IVA	VEZ-221-IWTEIVA	ver.5.73.0046
Bosch AutoDome Easy II IP	VEZ-221-IWTS	ver.5.73.0046
Bosch AutoDome IP 7000	VG5-7028-C1PC4	ver.6.11.0019
Bosch AutoDome IP 7000	VG5-7028-C2PP4	ver.6.11.0019
Bosch AutoDome IP 7000	VG5-7028-C2PT4	ver.6.11.0019
Bosch AutoDome IP 7000	VG5-7028-E1PC4	ver.6.11.0019
Bosch AutoDome IP 7000	VG5-7028-E2PC4	ver.6.11.0019
Bosch AutoDome IP 7000	VG5-7036-E1PC1	ver.6.11.0019
Bosch AutoDome IP 7000	VG5-7036-E1PC4	ver.6.11.0019
Bosch AutoDome IP 7000	VG5-7036-E2PC4	ver.6.11.0019
Bosch AutoDome IP 7000	VG5-7036-E2PC4ITS	ver.6.11.0019
Bosch AutoDome IP starlight 7000 HD	VG5-7130-CPT4	ver.6.11.0019
Bosch AutoDome IP starlight 7000 HD	VG5-7130-EPC4	ver.6.11.0019
Bosch AutoDome 700 IP	VG5-713-CCE2	ver.5.73.0046
Bosch AutoDome 700 IP	VG5-713-ECE2	ver.5.73.0046
Bosch AutoDome 700 IP	VG5-714-ECE2	ver.5.73.0046
Bosch AutoDome IP 7000 HD	VG5-7220-CPT4	ver.6.11.0019
Bosch AutoDome IP 7000 HD	VG5-7220-CPT5	supported by specification
Bosch AutoDome IP 7000 HD	VG5-7220-EPC4	ver.6.11.0019
Bosch AutoDome IP 7000 HD	VG5-7220-EPC4ITS	ver.6.11.0019
Bosch AutoDome IP 7000 HD	VG5-7220-EPC5	supported by specification
Bosch AutoDome IP dynamic 7000 HD	VG5-7230-CPT4	ver.6.11.0019
Bosch AutoDome IP starlight 7000 HD	VG5-7230-CPT5	supported by specification
Bosch AutoDome IP dynamic 7000 HD	VG5-7230-EPC4	ver.6.11.0019
Bosch AutoDome IP starlight 7000 HD	VG5-7230-EPC5	supported by specification
Bosch AutoDome IP starlight 7000 HD	VG5-7230-EPR5	supported by specification
Bosch AutoDome 700 IP	VG5-723-CCE2	ver.5.73.0046
Bosch AUTODOME IP 7000	VG5-723-CTE3	supported by specification
Bosch AutoDome 700 IP	VG5-723-ECE2	ver.5.73.0046
Bosch AutoDome 700 IP	VG5-723-ECE2ITS	ver.5.73.0046
Bosch AUTODOME IP 7000	VG5-723-ECE3	supported by specification
Bosch AutoDome 700 IP	VG5-724-ECE2	ver.5.73.0046
Bosch AutoDome 700 IP	VG5-724-ECE2ITS	ver.5.73.0046
Bosch AUTODOME IP 7000	VG5-724-ECE3	supported by specification
Bosch AutoDome 800 HD	VG5-825-CCEV	ver.5.73.0046
Bosch AutoDome 800 HD	VG5-825-CxEV	ver.5.73.0046
Bosch AutoDome 800 HD	VG5-825-ECEV	ver.5.73.0046
Bosch AutoDome 800 HD	VG5-825-ETEVE	ver.5.73.0046
Bosch AutoDome 800 HD	VG5-825-ExEV	ver.5.73.0046
Bosch AutoDome IP 7000 HD	VG5-836-CTE3	ver.6.11.0019
Bosch AutoDome IP 7000 HD	VG5-836-ECE3	ver.6.11.0019
Bosch AutoDome 800 HD	VG5-836-ECEV	ver.5.73.0046

Integration Protocol: CGI (native protocol)

Video: All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs

Audio: All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711, AAC codecs

EdgeStorage: EdgeStorage Sync; EdgeStorage Gate (ONVIF protocol only)

Analytics: Native Bosch embedded analytic detectors (IVA)

Controls: PTZ (OSRD, BiCom), Focus (+/-); Iris (+/-), Presets (a Call only); Tours (a Call only), Embedded Wiper; Relays (outputs), Sensors (inputs)

Network: Autodiscovery; Basic or Digest access authentication; IP-address/DNS; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Protocols: ONVIF, RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Bosch AutoDome 800 HD	VG5-836-ECEVITS	ver.5.73.0046
Bosch AUTODOME IP starlight 7000i	VG5-ITS1080P-30X7	supported by specification
Bosch VIP-X1600-XFM4	VIP-X1600-XFM4A	ver.5.93.0015
Bosch VIP-X1600-XFM4	VIP-X1600-XFM4B	ver.5.93.0015
Bosch VIP X16 XF E	VIP-X16XF-E	ver.5.92.0023
Bosch VIP X1 XF IVA	VIP-X1XF	ver.5.73.0046
Bosch VIP X1 XF E	VIP-X1XF-E	ver.5.73.0046
Bosch VIDEOJET connect 7000	VJC-7000-90	supported by specification
Bosch VIDEOJET decoder 3000	VJD-3000	supported by specification
Bosch VIDEOJET multi 4000	VJM-4016	ver.5.92.0023
Bosch VIDEOJET multi 4000	VJM-4016-EU	ver.5.92.0023
Bosch VIDEOJET multi 4000	VJM-4016-US	ver.5.92.0023
Bosch VIDEOJET multi 7000	VJM-7016-B	ver.5.92.0023
Bosch AutoDome Jr 800 HD	VJR-811-ICC	ver.5.73.0046
Bosch AutoDome Jr 800 HD	VJR-811-ICCV	ver.5.73.0046
Bosch AutoDome Jr 800 HD	VJR-811-ICT	ver.5.73.0046
Bosch AutoDome Jr 800 HD	VJR-811-ICTV	ver.5.73.0046
Bosch AutoDome Jr 800 HD	VJR-811-IWC	ver.5.73.0046
Bosch AutoDome Jr 800 HD	VJR-811-IWCV	ver.5.73.0046
Bosch AutoDome Jr 800 HD	VJR-811-IWT	ver.5.73.0046
Bosch AutoDome Jr 800 HD	VJR-811-IWTV	ver.5.73.0046
Bosch AutoDome Jr 800 HD	VJR-821-ICC	ver.5.73.0046
Bosch AutoDome Jr 800 HD	VJR-821-ICCV	ver.5.73.0046
Bosch AutoDome Jr 800 HD	VJR-821-ICT	ver.5.73.0046
Bosch AutoDome Jr 800 HD	VJR-821-ICTV	ver.5.73.0046
Bosch AutoDome Jr 800 HD	VJR-821-IWC	ver.5.73.0046
Bosch AutoDome Jr 800 HD	VJR-821-IWCV	ver.5.73.0046
Bosch AutoDome Jr 800 HD	VJR-821-IWT	ver.5.73.0046
Bosch AutoDome Jr 800 HD	VJR-821-IWTV	ver.5.73.0046
Bosch AutoDome Jr 800 HD	VJR-831-EWCV	ver.5.73.0046
Bosch AutoDome Jr 800 HD Fixed	VJR-F801-ICCV	ver.5.73.0046
Bosch AutoDome Jr 800 HD Fixed	VJR-F801-ICTV	ver.5.73.0046
Bosch AutoDome Jr 800 HD Fixed	VJR-F801-IWCV	ver.5.73.0046
Bosch AutoDome Jr 800 HD Fixed	VJR-F801-IWTV	ver.5.73.0046
Bosch VJT-X20XF-E	VJT-X20XF-E	ver.5.93.0015
Bosch VJT-X40XF-E	VJT-X40XF-E	ver.5.93.0015
Bosch VJT-XTCXF	VJT-XTCXF	ver.5.93.0015
Bosch VOT-320V IVA	VOT-320V009H	ver.5.73.0046
Bosch VOT-320V IVA	VOT-320V009L	ver.5.73.0046
Bosch VOT-320V IVA	VOT-320V013H	ver.5.73.0046
Bosch VOT-320V IVA	VOT-320V013L	ver.5.73.0046
Bosch VOT-320V IVA	VOT-320V019H	ver.5.73.0046

Integration Protocol: CGI (native protocol)

Video: All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs

Audio: All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711, AAC codecs

EdgeStorage: EdgeStorage Sync; EdgeStorage Gate (ONVIF protocol only)

Analytics: Native Bosch embedded analytic detectors (IVA)

Controls: PTZ (OSRD, BiCom), Focus (+/-), Iris (+/-), Presets (a Call only); Tours (a Call only), Embedded Wiper; Relays (outputs), Sensors (inputs)

Network: Autodiscovery; Basic or Digest access authentication; IP-address/DNS; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Protocols: ONVIF, RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Bosch VOT-320V IVA	VOT-320V019L	ver.5.73.0046
Bosch VOT-320V IVA	VOT-320V025H	ver.5.73.0046
Bosch VOT-320V IVA	VOT-320V025L	ver.5.73.0046
Bosch VOT-320V IVA	VOT-320V035H	ver.5.73.0046
Bosch VOT-320V IVA	VOT-320V035L	ver.5.73.0046
Bosch VOT-320V IVA	VOT-320V060H	ver.5.73.0046
Bosch VOT-320V IVA	VOT-320V060L	ver.5.73.0046
Bosch FLEXIDOME IP 5000i	NDI-5502-A	supported by specification
Bosch FLEXIDOME IP 5000i	NDI-5502-AL	supported by specification
Bosch FLEXIDOME IP 5000i	NDE-5502-A	supported by specification
Bosch FLEXIDOME IP 5000i	NDE-5502-AL	supported by specification
Bosch DINION IP bullet 5000i	NBN-65023-B	supported by specification

Integration Protocol: ONVIF

Video: All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs

Audio: All channels available in device; One-way (in); G.711, AAC codecs

EdgeStorage: EdgeStorage Sync and EdgeStorage Gate (ONVIF protocol only)

Controls: Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only); Relays (outputs)

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
CANON PTZ Network Camera	VB-H41	ver.1.0.0
CANON PTZ Network Camera	VB-H43	ver.1.2.0
CANON PTZ Network Camera	VB-H45	supported by specification
CANON Fixed Dome Network Camera	VB-H610D	supported by specification
CANON Fixed Dome Network Camera	VB-H610VE	supported by specification
CANON Fixed Dome Network Camera	VB-H630D	ver.1.2.0
CANON Fixed Dome Network Camera	VB-H630VE	ver.1.2.0
CANON Fixed Dome Network Camera	VB-H651V	supported by specification
CANON Fixed Dome Network Camera	VB-H651VE	supported by specification
CANON Fixed Dome Network Camera	VB-H652LVE	supported by specification
CANON Fixed Network Camera	VB-H710F	supported by specification
CANON Fixed Network Camera	VB-H730F	ver.1.2.0
CANON Fixed Network Camera	VB-H730F Mk II	supported by specification
CANON Fixed Network Camera	VB-H751LE	supported by specification
CANON Fixed Network Camera	VB-H760VE	supported by specification
CANON Fixed Network Camera	VB-H761LVE	supported by specification
CANON PTZ Network Camera	VB-M40	supported by specification
CANON PTZ Network Camera	VB-M42	ver.1.2.0
CANON PTZ Network Camera	VB-M44	supported by specification
CANON PTZ Network Camera	VB-M50B	supported by specification
CANON Fixed Dome Camera	VB-M600D	ver.1.0.0
CANON Fixed Dome Camera	VB-M600VE	supported by specification
CANON Fixed Dome Network Camera	VB-M620D	ver.1.2.0
CANON Fixed Dome Network Camera	VB-M620VE	ver.1.2.0
CANON Fixed Dome Network Camera	VB-M640V	ver.1.0.0
CANON Fixed Dome Network Camera	VB-M640VE	ver.1.0.0
CANON Fixed Dome Network Camera	VB-M641V	ver.1.0.0
CANON Fixed Dome Network Camera	VB-M641VE	ver.1.0.0
CANON Fixed Network Camera	VB-M700F	supported by specification
CANON Fixed Network Camera	VB-M720F	ver.1.2.0
CANON Fixed Network Camera	VB-M740E	ver.1.0.0
CANON Fixed Network Camera	VB-M741LE	ver.1.0.0
CANON PTZ Network Camera	VB-R10VE	ver.1.0.0
CANON PTZ Network Camera	VB-R11	ver.1.0.0
CANON PTZ Network Camera	VB-R11VE	ver.1.0.0
CANON PTZ Network Camera	VB-R12VE	supported by specification
CANON PTZ Network Camera	VB-R13	supported by specification
CANON PTZ Network Camera	VB-R13VE	supported by specification
CANON PTZ Dome Network Camera	VB-S30D	ver.1.3.0
CANON PTZ Dome Network Camera	VB-S30D Mk II	supported by specification
CANON PTZ Dome Network Camera	VB-S30VE	supported by specification
CANON PTZ Dome Network Camera	VB-S31D	ver.1.3.0
CANON PTZ Dome Network Camera	VB-S31D Mk II	supported by specification
CANON Fixed Dome Network Camera	VB-S800D	ver.1.3.0
CANON Fixed Dome Network Camera	VB-S800D Mk II	supported by specification
CANON Fixed Dome Network Camera	VB-S800VE	supported by specification
CANON Fixed Dome Network Camera	VB-S805D	ver.1.3.0
CANON Fixed Dome Network Camera	VB-S805D Mk II	supported by specification
CANON Fixed Network Camera	VB-S900F	ver.1.3.0
CANON Fixed Network Camera	VB-S900F Mk II	supported by specification
CANON Fixed Network Camera	VB-S905F	ver.1.3.0

Integration Protocol: ONVIF

Video: All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs

Audio: All channels available in device; One-way (in); G.711, AAC codecs

EdgeStorage: EdgeStorage Sync and EdgeStorage Gate (ONVIF protocol only)

Controls: Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only); Relays (outputs)

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
CANON Fixed Network Camera	VB-S905F Mk II	supported by specification
CANON Fixed Network Camera	VB-S910F	supported by specification
CANON PTZ Network Camera	VB-H45B	supported by specification
CANON PTZ Network Camera	VB-M44B	supported by specification
CANON PTZ Network Camera	VB-R13VE (H2)	supported by specification
CANON PTZ Network Camera	VB-R12VE (H2)	supported by specification
CANON Fixed Network Camera	VB-H761LVE (H2)	supported by specification
CANON Fixed Network Camera	VB-H760VE (H2)	supported by specification
CANON Fixed Network Camera	VB-H751LE (H2)	supported by specification
CANON Fixed Network Camera	VB-M741LE (H2)	supported by specification

Integration Protocol: ONVIF

Video: All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs; UDP/TCP protocols;

Audio: All channels available in device; Microphone (audio-in); G.711, AAC codecs;

EdgeStorage: EdgeStorage Sync and EdgeStorage Gate for h264 or h265 codecs for IPv4 only

Controls: Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only); Sensors (inputs); Relays (outputs);

Network: Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Protocols: RTSP (support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Cisco Video Surveillance PTZ Camera	CIVS-IPC-2830	supported by specification
Cisco Video Surveillance PTZ Camera	CIVS-IPC-2835	supported by specification
Cisco Video Surveillance Camera	CIVS-IPC-3050	supported by specification
Cisco Video Surveillance Camera	CIVS-IPC-3421V	supported by specification
Cisco Video Surveillance Camera	CIVS-IPC-3520	supported by specification
Cisco Video Surveillance Camera	CIVS-IPC-3530	supported by specification
Cisco Video Surveillance Camera	CIVS-IPC-3535	supported by specification
Cisco Video Surveillance Camera	CIVS-IPC-3620	supported by specification
Cisco Video Surveillance Camera	CIVS-IPC-3630	supported by specification
Cisco Video Surveillance Camera	CIVS-IPC-6000P	supported by specification
Cisco Video Surveillance Camera	CIVS-IPC-6020	supported by specification
Cisco Video Surveillance Camera	CIVS-IPC-6030	supported by specification
Cisco Video Surveillance Camera	CIVS-IPC-6050	supported by specification
Cisco Video Surveillance Camera	CIVS-IPC-6400	supported by specification
Cisco Video Surveillance Camera	CIVS-IPC-6400E	supported by specification
Cisco Video Surveillance Camera	CIVS-IPC-6500PD	supported by specification
Cisco Video Surveillance Camera	CIVS-IPC-6620	supported by specification
Cisco Video Surveillance Camera	CIVS-IPC-6630	supported by specification
Cisco Video Surveillance PTZ Camera	CIVS-IPC-6930	supported by specification
Cisco Video Surveillance PTZ Camera	CIVS-IPC-7030	supported by specification
Cisco Video Surveillance PTZ Camera	CIVS-IPC-7030E	supported by specification
Cisco Video Surveillance Camera	CIVS-IPC-7530PD	supported by specification
Cisco Video Surveillance Box Camera	CIVS-IPC-8000P	supported by specification
Cisco Video Surveillance Dome Camera	CIVS-IPC-8020	supported by specification
Cisco Video Surveillance Dome Camera	CIVS-IPC-8030	supported by specification
Cisco Video Surveillance Fisheye Camera	CIVS-IPC-8070	supported by specification
Cisco Video Surveillance Box Camera	CIVS-IPC-8400	supported by specification
Cisco Video Surveillance Dome Camera	CIVS-IPC-8620	supported by specification
Cisco Video Surveillance Dome Camera	CIVS-IPC-8630	supported by specification
Cisco Video Surveillance PTZ Dome Camera	CIVS-IPC-8930	supported by specification
Cisco Video Surveillance 360 Camera	CIVS-IPC-7070	supported by specification

Integration Protocol: CGI (native protocol)

- Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs;
- Audio:** All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711, AAC codecs;
- EdgeStorage:** EdgeStorage Sync; EdgeStorage Gate (ONVIF protocol only);
- Controls:** Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only), Recorded Tours (Call/Recording); Embedded Wiper; Embedded Light; Sensors (inputs); Relays (outputs);

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Supported Protocols: ONVIF, RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Explosion-proof Series	DH-EPC230U	supported by specification
Explosion-proof Series	DH-EPC230U-PTZ	supported by specification
Explosion-proof Series	DH-EPC230U-PTZ-IR	supported by specification
Explosion-proof Series	DH-EPC245U-PTZ	supported by specification
Explosion-proof Series	DH-EPC245U-PTZ-IR	supported by specification
Dome Camera	DH-EZ-IPC-B1B20P	supported by specification
Dome Camera	DH-EZ-IPC-T1B20P	supported by specification
Cube Camera	DH-IPC-100	supported by specification
Cube Camera	DH-IPC-100A	supported by specification
Wi-Fi Cube Camera	DH-IPC-100W	supported by specification
Cube Camera	DH-IPC-200	supported by specification
Cube Camera	DH-IPC-200A	supported by specification
Wi-Fi Cube Camera	DH-IPC-200W	supported by specification
Wi-Fi PT Camera	DH-IPC-A15	supported by specification
Wi-Fi PT Camera	DH-IPC-A35	supported by specification
Wi-Fi PT Camera	DH-IPC-AW12W	supported by specification
Wi-Fi Cube Camera	DH-IPC-C10	supported by specification
Wi-Fi Cube Camera	DH-IPC-C15	supported by specification
Wi-Fi Cube Camera	DH-IPC-C35	supported by specification
Vandal-proof Fisheye Camera	DH-IPC-EB5400	supported by specification
Vandal-proof Fisheye Camera	DH-IPC-EB5400-M	supported by specification
Vandal-proof Fisheye Camera	DH-IPC-EB5400-T	supported by specification
Vandal-proof Fisheye Camera	DH-IPC-EB5500	supported by specification
Panorama Camera	DH-IPC-EB5531	supported by specification
Vandal-proof Fisheye Camera	DH-IPC-EB5531-M	supported by specification
Vandal-proof Fisheye Camera	DH-IPC-EB5531-M12	supported by specification
Panorama Camera	DH-IPC-EB5541	supported by specification
Vandal-proof IR Fisheye Camera	DH-IPC-EBW81200	supported by specification
Vandal-proof IR Fisheye Camera	DH-IPC-EBW81230	supported by specification
WizMind Other Series	DH-IPC-EBW81242	supported by specification
Panorama Camera	DH-IPC-EBW81242P-S2	supported by specification
Panorama Camera	DH-IPC-EBW81242P-S2-IVC	supported by specification
Vandal-proof IR Fisheye Camera	DH-IPC-EBW8600	supported by specification
Vandal-proof IR Fisheye Camera	DH-IPC-EBW8600-IVC	supported by specification
Vandal-proof IR Fisheye Camera	DH-IPC-EBW8630	supported by specification
Vandal-proof IR Fisheye Camera	DH-IPC-EBW8630-IVC	supported by specification
Panorama Camera	DH-IPC-EBW8842P	supported by specification
Panorama Camera	DH-IPC-EBW8842P-IVC	supported by specification
Panorama Camera	DH-IPC-EW5531-AS	supported by specification
Panorama Camera	DH-IPC-EW5541-AS	supported by specification
WizMind Other Series	DH-IPC-HCBW8442	supported by specification
Mini Dome Camera	DH-IPC-HD1000C	supported by specification
Wi-Fi Mini Dome Camera	DH-IPC-HD1000C-W	supported by specification
Mini Dome Camera	DH-IPC-HD1200C	supported by specification

Integration Protocol: CGI (native protocol)

- Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs;
- Audio:** All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711, AAC codecs;
- EdgeStorage:** EdgeStorage Sync; EdgeStorage Gate (ONVIF protocol only);
- Controls:** Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only), Recorded Tours (Call/Recording); Embedded Wiper; Embedded Light; Sensors (inputs); Relays (outputs);

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Supported Protocols: ONVIF, RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Wi-Fi Mini Dome Camera	DH-IPC-HD1200C-W	supported by specification
Multi-Lens Panoramic IR Bullet Camera	DH-IPC-HD4140X-3D	supported by specification
Water- & Vandal-Proof Dome Camera	DH-IPC-HDB4100C	supported by specification
Mini PT Dome Camera	DH-IPC-HDB4100F-PT	supported by specification
Water- & Vandal-Proof Dome Camera	DH-IPC-HDB4200C	supported by specification
Mini PT Dome Camera	DH-IPC-HDB4200F-PT	supported by specification
Fixed LXIR Mini-Dome Camera	DH-IPC-HDB4231C-AS	ver.2.400.0000.23.R
Fixed Mini-Dome Mobile Camera	DH-IPC-HDB4231C-M	supported by specification
Fixed Mini-Dome Mobile Camera	DH-IPC-HDB4231C-M/M12	supported by specification
Vandal-Proof Dome Camera	DH-IPC-HDB4300C	supported by specification
Vandal-Proof Dome Camera	DH-IPC-HDB4300C-A	supported by specification
Mini PT Dome Camera	DH-IPC-HDB4300F-PT	supported by specification
Fixed LXIR Mini-Dome Camera	DH-IPC-HDB4431C-AS	ver.2.400.0000.23.R
Fixed Mini-Dome Mobile Camera	DH-IPC-HDB4431C-M	supported by specification
Fixed Mini-Dome Mobile Camera	DH-IPC-HDB4431C-M/M12	supported by specification
Water- & Vandal-Proof Dome Camera	DH-IPC-HDB5100	supported by specification
Water- & Vandal-Proof Dome Camera	DH-IPC-HDB5200	supported by specification
Water- & Vandal-Proof Dome Camera	DH-IPC-HDB5200-DI	supported by specification
Water- & Vandal-Proof Dome Camera	DH-IPC-HDB5202	supported by specification
Water- & Vandal-Proof Dome Camera	DH-IPC-HDB5202-DI	supported by specification
Water- & Vandal-Proof Dome Camera	DH-IPC-HDB5331E	supported by specification
Vari-Focal IR Dome Camera	DH-IPC-HDB5502	supported by specification
Vari-Focal IR Dome Camera	DH-IPC-HDB5502-DI	supported by specification
IR Dome Camera	DH-IPC-HDB8281-Z	supported by specification
IR Dome Camera	DH-IPC-HDB8301	supported by specification
Vari-Focal IR Dome Camera	DH-IPC-HDB8301-Z	supported by specification
IR Mini Dome Camera	DH-IPC-HDBW1000E	supported by specification
IR Mini Dome Camera	DH-IPC-HDBW1000E-S	supported by specification
Wi-Fi IR Mini Dome Camera	DH-IPC-HDBW1000E-W	supported by specification
IR Mini-Dome Network Camera	DH-IPC-HDBW1020E	supported by specification
Mini Dome Camera	DH-IPC-HDBW1120E	supported by specification
Wi-Fi Mini Dome Camera	DH-IPC-HDBW1120E-W	supported by specification
IR Mini Dome Camera	DH-IPC-HDBW1200E	supported by specification
IR Mini Dome Camera	DH-IPC-HDBW1200E-S	supported by specification
Wi-Fi IR Mini Dome Camera	DH-IPC-HDBW1200E-W	supported by specification
IR Mini Dome Camera	DH-IPC-HDBW1220E	supported by specification
IR Mini Dome Camera	DH-IPC-HDBW1230E	supported by specification
IR Mini Dome Camera	DH-IPC-HDBW1230E-S	supported by specification
Mini Dome Camera	DH-IPC-HDBW1320E	supported by specification
Wi-Fi Mini Dome Camera	DH-IPC-HDBW1320E-W	supported by specification
IR Mini Dome Camera	DH-IPC-HDBW1431E	supported by specification
IR Mini Dome Camera	DH-IPC-HDBW1431E-S	supported by specification
IR Wi-Fi Fixed MiniDome Camera	DH-IPC-HDBW1531E	ver.2.460.000000.16.R
IR Mini Dome Camera	DH-IPC-HDBW1531E-S	supported by specification
IR Mini Dome Camera	DH-IPC-HDBW1831R	supported by specification

Integration Protocol: CGI (native protocol)

- Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs;
- Audio:** All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711, AAC codecs;
- EdgeStorage:** EdgeStorage Sync; EdgeStorage Gate (ONVIF protocol only);
- Controls:** Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only), Recorded Tours (Call/Recording); Embedded Wiper; Embedded Light; Sensors (inputs); Relays (outputs);

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Supported Protocols: ONVIF, RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
IR Mini Dome Camera	DH-IPC-HDBW1831R-S	supported by specification
Water- & Vandal-Proof Dome Camera	DH-IPC-HDBW2100R-VF	supported by specification
Vari-Focal Water- & Vandal-Proof Dome Camera	DH-IPC-HDBW2100R-Z	supported by specification
Vari-Focal Dome Camera	DH-IPC-HDBW2120R-VFS	supported by specification
Vari-Focal Dome Camera	DH-IPC-HDBW2120R-ZS	supported by specification
IR Dome Network Camera	DH-IPC-HDBW2121R-VFS	supported by specification
IR Dome Network Camera	DH-IPC-HDBW2121R-ZS	supported by specification
Water- & Vandal-Proof Dome Camera	DH-IPC-HDBW2200R-VF	supported by specification
Vari-Focal Water- & Vandal-Proof Dome Camera	DH-IPC-HDBW2200R-Z	supported by specification
Water- & Vandal-Proof Dome Camera	DH-IPC-HDBW2201R-VFS	supported by specification
Vari-Focal Water- & Vandal-Proof Dome Camera	DH-IPC-HDBW2201R-ZS	supported by specification
IR Dome Camera	DH-IPC-HDBW2220R-VFS	supported by specification
Vari-Focal IR Dome Camera	DH-IPC-HDBW2220R-ZS	supported by specification
IR Dome Camera	DH-IPC-HDBW2221R-VFS	supported by specification
Vari-Focal IR Dome Camera	DH-IPC-HDBW2221R-ZS	supported by specification
Lite Dome Camera	DH-IPC-HDBW2230E-S-S2	supported by specification
Vandal Proof Dome Camera	DH-IPC-HDBW2230R-VFAS	supported by specification
Vandal Proof Dome Camera	DH-IPC-HDBW2230R-VFS	supported by specification
Vandal Proof Dome Camera	DH-IPC-HDBW2230R-ZAS	supported by specification
Vandal Proof Dome Camera	DH-IPC-HDBW2230R-ZS	supported by specification
Lite Dome Camera	DH-IPC-HDBW2231E-S-S2	supported by specification
Lite Dome Camera	DH-IPC-HDBW2231F-AS-S2	supported by specification
Lite Dome Camera	DH-IPC-HDBW2231R-ZAS-S2	supported by specification
Lite Dome Camera	DH-IPC-HDBW2231R-ZS-S2	supported by specification
IR Dome Camera	DH-IPC-HDBW2300R-VF	supported by specification
Vari-Focal IR Dome Camera	DH-IPC-HDBW2300R-Z	supported by specification
IR Dome Camera	DH-IPC-HDBW2320R-VFS	supported by specification
Vari-Focal IR Dome Camera	DH-IPC-HDBW2320R-ZS	supported by specification
IR Dome Camera	DH-IPC-HDBW2421R-VFS	supported by specification
Vari-Focal IR Dome Camera	DH-IPC-HDBW2421R-ZS	supported by specification
Lite Dome Camera	DH-IPC-HDBW2431E-S-S2	supported by specification
Lite Dome Camera	DH-IPC-HDBW2431F-AS-S2	supported by specification
Lite Dome Camera	DH-IPC-HDBW2431R-ZAS-S2	supported by specification
Lite Dome Camera	DH-IPC-HDBW2431R-ZS-S2	supported by specification
Lite Dome Camera	DH-IPC-HDBW2531E-S-S2	supported by specification
IR Vari-focal Network Dome Camera	DH-IPC-HDBW2531R-VFAS	supported by specification
IR Vari-focal Network Dome Camera	DH-IPC-HDBW2531R-VFS	supported by specification
IR Vari-focal Network Dome Camera	DH-IPC-HDBW2531R-ZAS	supported by specification
Lite Dome Camera	DH-IPC-HDBW2531R-ZAS-S2	supported by specification
IR Vari-focal Network Dome Camera	DH-IPC-HDBW2531R-ZS	ver.2.460.0000000.16.R
Lite Dome Camera	DH-IPC-HDBW2531R-ZS-S2	supported by specification
Lite Dome Camera	DH-IPC-HDBW2831E-S-S2	supported by specification
Lite Dome Camera	DH-IPC-HDBW2831R-ZAS-S2	supported by specification
IR Vari-focal Network Dome Camera	DH-IPC-HDBW2831R-ZS	supported by specification
Lite Dome Camera	DH-IPC-HDBW2831R-ZS-S2	supported by specification

Integration Protocol: CGI (native protocol)

- Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs;
- Audio:** All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711, AAC codecs;
- EdgeStorage:** EdgeStorage Sync; EdgeStorage Gate (ONVIF protocol only);
- Controls:** Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only), Recorded Tours (Call/Recording); Embedded Wiper; Embedded Light; Sensors (inputs); Relays (outputs);

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Supported Protocols: ONVIF, RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
IR Dome Network Camera	DH-IPC-HDBW3241E-AS	supported by specification
IR Dome Network Camera	DH-IPC-HDBW3241E-S	supported by specification
IR Dome Network Camera	DH-IPC-HDBW3241F-AS-M	supported by specification
IR Dome Network Camera	DH-IPC-HDBW3241R-ZAS	supported by specification
IR Dome Network Camera	DH-IPC-HDBW3241R-ZS	supported by specification
WizSense Full-color Series	DH-IPC-HDBW3249E-AS-NI	supported by specification
Wizsense Dome Camera	DH-IPC-HDBW3249H-AS-PV	supported by specification
IR Dome Network Camera	DH-IPC-HDBW3441E-AS	supported by specification
IR Dome Network Camera	DH-IPC-HDBW3441E-S	supported by specification
IR Dome Network Camera	DH-IPC-HDBW3441F-AS-M	supported by specification
IR Dome Network Camera	DH-IPC-HDBW3441R-ZAS	supported by specification
IR Dome Network Camera	DH-IPC-HDBW3441R-ZS	supported by specification
WizSense Full-color Series	DH-IPC-HDBW3449E-AS-NI	supported by specification
Wizsense Dome Camera	DH-IPC-HDBW3449H-AS-PV	supported by specification
IR Dome Network Camera	DH-IPC-HDBW3541E-AS	supported by specification
IR Dome Network Camera	DH-IPC-HDBW3541E-S	supported by specification
IR Dome Network Camera	DH-IPC-HDBW3541F-AS-M	supported by specification
IR Dome Network Camera	DH-IPC-HDBW3541R-ZAS	supported by specification
IR Dome Network Camera	DH-IPC-HDBW3541R-ZS	supported by specification
Wizsense Dome Camera	DH-IPC-HDBW3549H-AS-PV	supported by specification
Wizsense Dome Camera	DH-IPC-HDBW3841E-AS	supported by specification
Wizsense Dome Camera	DH-IPC-HDBW3841E-S	supported by specification
WizSense 3 Series	DH-IPC-HDBW3841R-ZAS	supported by specification
WizSense 3 Series	DH-IPC-HDBW3841R-ZS	supported by specification
Wizsense Dome Camera	DH-IPC-HDBW3849H-AS-PV	supported by specification
Vandal-proof IR Mini Dome Camera	DH-IPC-HDBW4100E	supported by specification
Vandal-proof IR Mini Dome Camera	DH-IPC-HDBW4120E	supported by specification
Vandal-proof IR Mini Dome Camera	DH-IPC-HDBW4120E-AS	supported by specification
Vandal-proof Wedge Dome Camera	DH-IPC-HDBW4120F	supported by specification
Vandal-proof Wedge Dome Camera	DH-IPC-HDBW4120F-AS	supported by specification
Wedge Dome Mobile Camera	DH-IPC-HDBW4121F-M	supported by specification
IR Mini Dome Camera	DH-IPC-HDBW4200E	supported by specification
Vandal-proof IR Mini Dome Camera	DH-IPC-HDBW4220E	supported by specification
Vandal-proof IR Mini Dome Camera	DH-IPC-HDBW4220E-AS	supported by specification
Vandal-proof IR Wedge Dome Camera	DH-IPC-HDBW4220F	supported by specification
Mini Dome Camera	DH-IPC-HDBW4221E	supported by specification
Mini Dome Camera	DH-IPC-HDBW4221E-AS	supported by specification
Wedge Dome Camera	DH-IPC-HDBW4221F	supported by specification
Wedge Dome Camera	DH-IPC-HDBW4221F-AS	supported by specification
Wedge Dome Mobile Camera	DH-IPC-HDBW4221F-M	supported by specification
Mini Dome Camera	DH-IPC-HDBW4231E-AS	ver.2.400.0000.23.R
IR Dome Camera	DH-IPC-HDBW4231E-ASE	supported by specification
Wedge Dome Camera	DH-IPC-HDBW4231F-AS	ver.2.400.0000.23.R
Wedge Dome Mobile Camera	DH-IPC-HDBW4231F-E2-M	supported by specification
Wedge Dome Mobile Camera	DH-IPC-HDBW4231F-E2-M12	supported by specification

Integration Protocol: CGI (native protocol)

- Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs;
- Audio:** All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711, AAC codecs;
- EdgeStorage:** EdgeStorage Sync; EdgeStorage Gate (ONVIF protocol only);
- Controls:** Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only), Recorded Tours (Call/Recording); Embedded Wiper; Embedded Light; Sensors (inputs); Relays (outputs);

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Supported Protocols: ONVIF, RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
IR Mini Dome Camera	DH-IPC-HDBW4231F-M/M12	supported by specification
IR Mini Dome Camera	DH-IPC-HDBW4300E	supported by specification
Fixed Mini-Dome Camera	DH-IPC-HDBW4421E	supported by specification
Fixed Mini-Dome Camera	DH-IPC-HDBW4421E-AS	supported by specification
Wedge Dome Camera	DH-IPC-HDBW4421F	supported by specification
Wedge Dome Camera	DH-IPC-HDBW4421F-AS	supported by specification
Mini-Dome Camera	DH-IPC-HDBW4431E-AS	ver.2.400.0000.23.R
IR Dome Camera	DH-IPC-HDBW4431E-ASE	supported by specification
Wedge Dome Camera	DH-IPC-HDBW4431F-AS	ver.2.400.0000.23.R
IR Mini Dome Camera	DH-IPC-HDBW4431F-M/M12	supported by specification
IR Mini Dome Network Camera	DH-IPC-HDBW4631E-ASE	ver.2.460.000000.16.R
IR Mini Dome Camera	DH-IPC-HDBW4800E	supported by specification
Mini-Dome Camera	DH-IPC-HDBW4830E-AS	ver.2.400.0000.23.R
Vari-Focal Dome Camera	DH-IPC-HDBW4831E-ASE	supported by specification
Water- & Vandal-Proof IR Dome Camera	DH-IPC-HDBW5100	supported by specification
Vandal-proof IR Dome Camera	DH-IPC-HDBW5121E-Z	supported by specification
Water- & Vandal-Proof IR Dome Camera	DH-IPC-HDBW5200	supported by specification
Vandal-proof IR Dome Camera	DH-IPC-HDBW5200-DI	supported by specification
Vari-Focal IR Dome Camera	DH-IPC-HDBW5202	supported by specification
Vari-Focal IR Dome Camera	DH-IPC-HDBW5202-DI	supported by specification
Vandal-proof IR Dome Camera	DH-IPC-HDBW5220E-Z	supported by specification
Vandal-proof IR Dome Camera	DH-IPC-HDBW5220E-Z-T	supported by specification
Vari-Focal Dome Camera	DH-IPC-HDBW5221E-Z	supported by specification
Vari-Focal Dome Camera	DH-IPC-HDBW5231E-Z	ver.2.400.0000.23.R
Vari-Focal Dome Camera	DH-IPC-HDBW5231E-Z5	supported by specification
Vari-Focal Dome Camera	DH-IPC-HDBW5231E-Z5E	supported by specification
Vari-Focal Dome Camera	DH-IPC-HDBW5231E-ZE	supported by specification
IR Dome Camera	DH-IPC-HDBW5231E-ZE-HDMI	supported by specification
Vari-Focal Dome Camera	DH-IPC-HDBW5231R-Z	ver.2.400.0000.23.R
Vari-Focal Dome Camera	DH-IPC-HDBW5231R-ZE	supported by specification
Vari-Focal Dome Camera	DH-IPC-HDBW5241E-Z5E	supported by specification
Vari-Focal Dome Camera	DH-IPC-HDBW5241E-ZE	supported by specification
Vari-Focal Dome Camera	DH-IPC-HDBW5241E-ZHE	supported by specification
Wizmind Dome Camera	DH-IPC-HDBW5241R1-AS-PV	supported by specification
Vari-Focal Dome Camera	DH-IPC-HDBW5241R-ASE	supported by specification
WizMind Full-color Series	DH-IPC-HDBW5241R-ASE-NI	supported by specification
Vari-Focal Dome Camera	DH-IPC-HDBW5241R-S	supported by specification
IR Dome Network Camera	DH-IPC-HDBW5242E-ZE-MF	supported by specification
WizMind 5 Series	DH-IPC-HDBW5242H-Z6E-MF	supported by specification
WizMind 5 Series	DH-IPC-HDBW5242H-ZE-MF	supported by specification
WizMind 5 Series	DH-IPC-HDBW5242H-ZHE-MF	supported by specification
IR Dome Network Camera	DH-IPC-HDBW5242R-ASE-MF	supported by specification
Vari-Focal IR Dome Camera	DH-IPC-HDBW5300	supported by specification
Vari-Focal IR Dome Camera	DH-IPC-HDBW5302	supported by specification
Vandal-proof IR Dome Camera	DH-IPC-HDBW5302-DI	supported by specification

Integration Protocol: CGI (native protocol)

- Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs;
- Audio:** All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711, AAC codecs;
- EdgeStorage:** EdgeStorage Sync; EdgeStorage Gate (ONVIF protocol only);
- Controls:** Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only), Recorded Tours (Call/Recording); Embedded Wiper; Embedded Light; Sensors (inputs); Relays (outputs);

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Supported Protocols: ONVIF, RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
IR Dome Camera	DH-IPC-HDBW5331E	supported by specification
Vari-Focal Dome Camera	DH-IPC-HDBW5421E-Z	supported by specification
Vari-Focal Dome Camera	DH-IPC-HDBW5431E-Z	ver.2.400.0000.23.R
Vari-Focal Dome Camera	DH-IPC-HDBW5431E-Z5	supported by specification
Vari-Focal Dome Camera	DH-IPC-HDBW5431E-Z5E	supported by specification
Vari-Focal Dome Camera	DH-IPC-HDBW5431E-ZE	supported by specification
Vari-Focal Dome Camera	DH-IPC-HDBW5431R-Z	ver.2.400.0000.23.R
Vari-Focal Dome Camera	DH-IPC-HDBW5431R-ZE	supported by specification
Vari-Focal Dome Camera	DH-IPC-HDBW5442E-Z4E	supported by specification
Vari-Focal Dome Camera	DH-IPC-HDBW5442E-ZE	supported by specification
Vari-Focal Dome Camera	DH-IPC-HDBW5442E-ZHE	supported by specification
WizMind 5 Series	DH-IPC-HDBW5442H-Z4E	supported by specification
WizMind 5 Series	DH-IPC-HDBW5442H-ZE	supported by specification
WizMind 5 Series	DH-IPC-HDBW5442H-ZHE	supported by specification
Vari-Focal Dome Camera	DH-IPC-HDBW5442R-ASE	supported by specification
IR Dome Network Camera	DH-IPC-HDBW5442R-ASE-NI	supported by specification
Vari-Focal Dome Camera	DH-IPC-HDBW5442R-S	supported by specification
Vari-Focal IR Dome Camera	DH-IPC-HDBW5502	supported by specification
Vari-Focal IR Dome Camera	DH-IPC-HDBW5502-DI	supported by specification
Vari-Focal Dome Camera	DH-IPC-HDBW5541E-Z5E	supported by specification
Vari-Focal Dome Camera	DH-IPC-HDBW5541E-ZE	supported by specification
Wizmind Dome Camera	DH-IPC-HDBW5541R1-AS-PV	supported by specification
Vari-Focal Dome Camera	DH-IPC-HDBW5541R-ASE	supported by specification
Vari-Focal Dome Camera	DH-IPC-HDBW5541R-S	supported by specification
Vari-Focal Dome Camera	DH-IPC-HDBW5631E-Z5E	supported by specification
IR Dome Network Camera	DH-IPC-HDBW5631E-ZE	ver.2.460.000000.16.R
Vari-Focal Dome Camera	DH-IPC-HDBW5631R-ZE	supported by specification
IR Dome Camera	DH-IPC-HDBW5830E-Z	ver.2.400.0000.23.R
IR Dome Camera	DH-IPC-HDBW5830E-Z5	supported by specification
IR Dome Camera	DH-IPC-HDBW5830R-Z	ver.2.400.0000.23.R
Vari-Focal Dome Camera	DH-IPC-HDBW5831E-Z5E	supported by specification
Vari-Focal Dome Camera	DH-IPC-HDBW5831E-ZE	supported by specification
Vari-Focal Dome Camera	DH-IPC-HDBW5831R-ZE	supported by specification
WizMind 5 Series	DH-IPC-HDBW5842H-ZHE	supported by specification
WizMind 7 Series	DH-IPC-HDBW71242H-Z	supported by specification
IR Dome Network Camera	DH-IPC-HDBW7442H-Z	supported by specification
IR Dome Network Camera	DH-IPC-HDBW7442H-Z4	supported by specification
IR Dome Network Camera	DH-IPC-HDBW7442H-Z4FR	supported by specification
IR Dome Network Camera	DH-IPC-HDBW7442H-ZFR	supported by specification
IR Dome Network Camera	DH-IPC-HDBW7842H-Z	supported by specification
WizMind 7 Series	DH-IPC-HDBW7842H-Z4	supported by specification
Vari-Focal Dome Camera	DH-IPC-HDBW81230E-Z	ver.2.420.0000.21.R
IR Dome Camera	DH-IPC-HDBW81230E-ZE	supported by specification
Vari-Focal Dome Camera	DH-IPC-HDBW8231E-Z	ver.2.420.0000.21.R
Vari-Focal Dome Camera	DH-IPC-HDBW8231E-Z5	supported by specification

Integration Protocol: CGI (native protocol)

- Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs;
- Audio:** All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711, AAC codecs;
- EdgeStorage:** EdgeStorage Sync; EdgeStorage Gate (ONVIF protocol only);
- Controls:** Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only), Recorded Tours (Call/Recording); Embedded Wiper; Embedded Light; Sensors (inputs); Relays (outputs);

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Supported Protocols: ONVIF, RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
IR Dome Camera	DH-IPC-HDBW8231E-ZE	supported by specification
Vari-Focal Dome Camera	DH-IPC-HDBW8232E-Z	ver.2.460.0000.3.R
IR Dome Camera	DH-IPC-HDBW8232E-ZE	supported by specification
Anti-Corrosion IR Dome Camera	DH-IPC-HDBW8232E-Z-SL	supported by specification
Vari-Focal Dome Camera	DH-IPC-HDBW8241E-Z	supported by specification
Vari-Focal Dome Camera	DH-IPC-HDBW8241E-Z5	supported by specification
Vari-Focal Dome Camera	DH-IPC-HDBW8242E-Z4FD-LED	supported by specification
Vari-Focal Dome Camera	DH-IPC-HDBW8242E-Z4FR-LED	supported by specification
IR Dome Camera	DH-IPC-HDBW8281-Z	supported by specification
IR Dome Camera	DH-IPC-HDBW8301	supported by specification
Vari-Focal Dome Camera	DH-IPC-HDBW8301-Z	supported by specification
Vari-Focal Dome Camera	DH-IPC-HDBW8331E-Z	ver.2.420.0000.21.R
Vari-Focal Dome Camera	DH-IPC-HDBW8331E-Z5	supported by specification
IR Dome Camera	DH-IPC-HDBW8331E-ZE	supported by specification
Vari-Focal Dome Camera	DH-IPC-HDBW8630E-Z	ver.2.420.0000.21.R
IR Dome Camera	DH-IPC-HDBW8630E-ZE	supported by specification
Wi-Fi PT Dome Camera	DH-IPC-HDPW4100F-WPT	supported by specification
Wi-Fi PT Dome Camera	DH-IPC-HDPW4200F-WPT	supported by specification
Wi-Fi IR Wedge Dome Camera	DH-IPC-HDPW4220F-W	supported by specification
Wi-Fi IR Wedge Dome Camera	DH-IPC-HDPW4221F-W	supported by specification
AI IR Dome Camera	DH-IPC-HDPW5241G-Z	supported by specification
WizMind 5 Series	DH-IPC-HDPW5241G-ZE	supported by specification
WizMind 5 Series	DH-IPC-HDPW5242G-ZE-MF	supported by specification
IR Dome Network Camera	DH-IPC-HDPW5242G-Z-MF	supported by specification
AI IR Dome Camera	DH-IPC-HDPW5442G-Z	supported by specification
WizMind 5 Series	DH-IPC-HDPW5442G-ZE	supported by specification
AI IR Dome Camera	DH-IPC-HDPW5541G-Z	supported by specification
WizMind 5 Series	DH-IPC-HDPW5541G-ZE	supported by specification
IR Eyeball Network Camera	DH-IPC-HDW1000S	supported by specification
IR Eyeball Network Camera	DH-IPC-HDW1020S	supported by specification
Eyeball Camera	DH-IPC-HDW1120S	supported by specification
Eyeball Camera	DH-IPC-HDW1200S	supported by specification
Eyeball Camera	DH-IPC-HDW1220S	supported by specification
Eyeball Camera	DH-IPC-HDW1230S	supported by specification
Eyeball Camera	DH-IPC-HDW1320S	supported by specification
Eyeball Camera	DH-IPC-HDW1431S	supported by specification
IR Eyeball Network Camera	DH-IPC-HDW1531S	ver.2.460.000000.16.R
Vari-Focal Eyeball Camera	DH-IPC-HDW2120R-ZS	supported by specification
IR Eyeball Network Camera	DH-IPC-HDW2121R-ZS	supported by specification
Vari-Focal Eyeball Camera	DH-IPC-HDW2220R-ZS	supported by specification
IR Eyeball Network Camera	DH-IPC-HDW2221R-ZS	supported by specification
Vari-Focal Eyeball Camera	DH-IPC-HDW2230R-ZS	supported by specification
Lite Dome Camera	DH-IPC-HDW2230T-AS-S2	supported by specification
Lite Dome Camera	DH-IPC-HDW2231T-AS-S2	supported by specification
Lite Dome Camera	DH-IPC-HDW2231TM-AS-S2	supported by specification

Integration Protocol: CGI (native protocol)

- Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs;
- Audio:** All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711, AAC codecs;
- EdgeStorage:** EdgeStorage Sync; EdgeStorage Gate (ONVIF protocol only);
- Controls:** Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only), Recorded Tours (Call/Recording); Embedded Wiper; Embedded Light; Sensors (inputs); Relays (outputs);

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Supported Protocols: ONVIF, RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Lite Dome Camera	DH-IPC-HDW2231T-ZS-S2	supported by specification
Lite Dome Camera	DH-IPC-HDW2239T-AS-LED-S2	supported by specification
Vari-Focal Eyeball Camera	DH-IPC-HDW2320R-ZS	supported by specification
IR Eyeball Network Camera	DH-IPC-HDW2421R-ZS	supported by specification
Lite Dome Camera	DH-IPC-HDW2431T-AS-S2	supported by specification
Lite Dome Camera	DH-IPC-HDW2431TM-AS-S2	supported by specification
Lite Dome Camera	DH-IPC-HDW2431T-ZS-S2	supported by specification
Lite Dome Camera	DH-IPC-HDW2439T-AS-LED-S2	supported by specification
IR Eyeball Network Camera	DH-IPC-HDW2531R-ZS	supported by specification
Lite Dome Camera	DH-IPC-HDW2531T-AS-S2	supported by specification
Lite Dome Camera	DH-IPC-HDW2531TM-AS-S2	supported by specification
Lite Dome Camera	DH-IPC-HDW2531T-ZS-S2	supported by specification
Lite Dome Camera	DH-IPC-HDW2831T-AS-S2	supported by specification
Lite Dome Camera	DH-IPC-HDW2831TM-AS-S2	supported by specification
Lite Dome Camera	DH-IPC-HDW2831T-ZS-S2	supported by specification
IR Dome Network Camera	DH-IPC-HDW3241TM-AS	supported by specification
IR Dome Network Camera	DH-IPC-HDW3241T-ZAS	supported by specification
TiOC Series	DH-IPC-HDW3249H-AS-PV	supported by specification
WizSense Full-color Series	DH-IPC-HDW3249TM-AS-LED	supported by specification
WizSense Full-color Series	DH-IPC-HDW3249TM-AS-NI	supported by specification
IR Dome Network Camera	DH-IPC-HDW3441TM-AS	supported by specification
IR Dome Network Camera	DH-IPC-HDW3441T-ZAS	supported by specification
TiOC Series	DH-IPC-HDW3449H-AS-PV	supported by specification
WizSense Full-color Series	DH-IPC-HDW3449TM-AS-LED	supported by specification
WizSense Full-color Series	DH-IPC-HDW3449TM-AS-NI	supported by specification
IR Dome Network Camera	DH-IPC-HDW3541TM-AS	supported by specification
IR Dome Network Camera	DH-IPC-HDW3541T-ZAS	supported by specification
TiOC Series	DH-IPC-HDW3549H-AS-PV	supported by specification
WizSense Full-color Series	DH-IPC-HDW3549TM-AS-LED	supported by specification
Wizsense Dome Camera	DH-IPC-HDW3841EM-AS	supported by specification
Wizsense Dome Camera	DH-IPC-HDW3841TM-AS	supported by specification
WizSense 3 Series	DH-IPC-HDW3841T-ZAS	supported by specification
Mini IR Dome Camera	DH-IPC-HDW4100S	supported by specification
Mini IR Dome Camera	DH-IPC-HDW4120EM	supported by specification
Mini IR Dome Camera	DH-IPC-HDW4120EM-AS	supported by specification
IR Eyeball Camera	DH-IPC-HDW4120M	supported by specification
Eyeball Camera	DH-IPC-HDW4200S	supported by specification
Eyeball Camera	DH-IPC-HDW4220EM	supported by specification
Eyeball Camera	DH-IPC-HDW4220EM-AS	supported by specification
IR Eyeball Camera	DH-IPC-HDW4220M	supported by specification
LXIR Eyeball Camera	DH-IPC-HDW4221EM	supported by specification
LXIR Eyeball Camera	DH-IPC-HDW4221EM-AS	supported by specification
Eyeball Camera	DH-IPC-HDW4221M	supported by specification
Eyeball Camera	DH-IPC-HDW4231EM-AS	ver.2.400.0000.23.R
IR Eyeball Network Camera	DH-IPC-HDW4231EM-ASE	supported by specification

Integration Protocol: CGI (native protocol)

- Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs;
- Audio:** All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711, AAC codecs;
- EdgeStorage:** EdgeStorage Sync; EdgeStorage Gate (ONVIF protocol only);
- Controls:** Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only), Recorded Tours (Call/Recording); Embedded Wiper; Embedded Light; Sensors (inputs); Relays (outputs);

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Supported Protocols: ONVIF, RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Eyeball Camera	DH-IPC-HDW4231M	ver.2.400.0000.23.R
Mini IR Dome Camera	DH-IPC-HDW4300C	supported by specification
Mini IR Dome Camera	DH-IPC-HDW4300S	supported by specification
LXIR Eyeball Camera	DH-IPC-HDW4421EM	supported by specification
LXIR Eyeball Camera	DH-IPC-HDW4421EM-AS	supported by specification
Eyeball Camera	DH-IPC-HDW4421M	supported by specification
Eyeball Camera	DH-IPC-HDW4431EM-AS	ver.2.400.0000.23.R
IR Eyeball Network Camera	DH-IPC-HDW4431EM-ASE	supported by specification
Eyeball Camera	DH-IPC-HDW4431M	ver.2.400.0000.23.R
IR Eyeball Network Camera	DH-IPC-HDW4631EM-ASE	ver.2.460.000000.16.R
Eyeball Camera	DH-IPC-HDW4830EM-AS	ver.2.400.0000.23.R
IR Eyeball Network Camera	DH-IPC-HDW4831EM-ASE	supported by specification
Vari-Focal Eyeball Camera	DH-IPC-HDW5231R-Z	ver.2.400.0000.23.R
Wizmind Dome Camera	DH-IPC-HDW5241H-ASE-PV	supported by specification
IR Eyeball Network Camera	DH-IPC-HDW5241H-AS-PV	supported by specification
IR Eyeball Network Camera	DH-IPC-HDW5241TM-AS	supported by specification
WizMind 5 Series	DH-IPC-HDW5241TM-ASE	supported by specification
IR Eyeball Network Camera	DH-IPC-HDW5241TM-AS-LED	supported by specification
WizMind 5 Series	DH-IPC-HDW5241T-ZE	supported by specification
WizMind 5 Series	DH-IPC-HDW5242T-ZE-MF	supported by specification
Vari-Focal Eyeball Camera	DH-IPC-HDW5431R-Z	ver.2.400.0000.23.R
Vari-Focal Dome Camera	DH-IPC-HDW5431R-ZE	supported by specification
IR Eyeball Network Camera	DH-IPC-HDW5442TM-AS	supported by specification
WizMind 5 Series	DH-IPC-HDW5442TM-ASE	supported by specification
IR Eyeball Network Camera	DH-IPC-HDW5442TM-AS-LED	supported by specification
WizMind 5 Series	DH-IPC-HDW5442T-ZE	supported by specification
Wizmind Dome Camera	DH-IPC-HDW5541H-ASE-PV	supported by specification
IR Eyeball Network Camera	DH-IPC-HDW5541H-AS-PV	supported by specification
IR Eyeball Network Camera	DH-IPC-HDW5541TM-AS	supported by specification
WizMind 5 Series	DH-IPC-HDW5541T-ZE	supported by specification
IR Eyeball Camera	DH-IPC-HDW5830R-Z	ver.2.400.0000.23.R
Multi-Lens Panoramic IR Bullet Camera	DH-IPC-HDW8341X-3D	supported by specification
WizMind Other Series	DH-IPC-HDW8341X-3D-S2	supported by specification
WizMind Other Series	DH-IPC-HDW8341X-BV-3D	supported by specification
Box Camera	DH-IPC-HF5100	supported by specification
Box Camera	DH-IPC-HF5121E	supported by specification
Box Camera	DH-IPC-HF5200	supported by specification
Box Camera	DH-IPC-HF5221E	supported by specification
Box Camera	DH-IPC-HF5231E	supported by specification
Box camera	DH-IPC-HF5231E-E	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HF5231E-Z	ver.2.400.0000.23.R
Box Camera	DH-IPC-HF5241E-E	supported by specification
IR Bullet Network Camera	DH-IPC-HF5242E-E-MF	supported by specification
Box Camera	DH-IPC-HF5421E	supported by specification
Box Camera	DH-IPC-HF5431E	supported by specification

Integration Protocol: CGI (native protocol)

- Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs;
- Audio:** All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711, AAC codecs;
- EdgeStorage:** EdgeStorage Sync; EdgeStorage Gate (ONVIF protocol only);
- Controls:** Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only), Recorded Tours (Call/Recording); Embedded Wiper; Embedded Light; Sensors (inputs); Relays (outputs);

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Supported Protocols: ONVIF, RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Box camera	DH-IPC-HF5431E-E	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HF5431E-Z	ver.2.400.0000.23.R
Box Camera	DH-IPC-HF5442E-E	supported by specification
Box Camera	DH-IPC-HF5541E-E	supported by specification
WizMind 7 Series	DH-IPC-HF71242F	supported by specification
BOX Network Camera	DH-IPC-HF7442F	supported by specification
BOX Network Camera	DH-IPC-HF7442F-FR	supported by specification
BOX Network Camera	DH-IPC-HF7842F	supported by specification
Box Camera	DH-IPC-HF81200E	supported by specification
Box Camera	DH-IPC-HF81230E	ver.2.420.0000.21.R
IR Fixed Fisheye Network Camera	DH-IPC-HF81230E-E	supported by specification
Box Camera	DH-IPC-HF8231E	ver.2.420.0000.21.R
Box Camera	DH-IPC-HF8231F	supported by specification
Box Camera	DH-IPC-HF8232F	ver.2.460.0000.3.R
Box Camera	DH-IPC-HF8232F-HDMI-S2	supported by specification
Box Camera	DH-IPC-HF8241F	supported by specification
Box Camera	DH-IPC-HF8242F-FD	supported by specification
Box Camera	DH-IPC-HF8242F-FR	supported by specification
Box Camera	DH-IPC-HF8281E	supported by specification
Box Camera	DH-IPC-HF8301E	supported by specification
Box Camera	DH-IPC-HF8331E	ver.2.420.0000.21.R
IR Fixed Network Camera	DH-IPC-HF8331F-E	supported by specification
Box Camera	DH-IPC-HF8630F	ver.2.420.0000.21.R
IR Fixed Network Camera	DH-IPC-HF8630F-E	supported by specification
Box Camera	DH-IPC-HF8835F	supported by specification
Wizmind Camera	DH-IPC-HFS7443-Z-LI-D2	supported by specification
Wizmind Camera	DH-IPC-HFS7842-Z-5G-LED	supported by specification
Mini Bullet Camera	DH-IPC-HFW1000S	supported by specification
Wi-Fi Mini Bullet Camera	DH-IPC-HFW1000S-W	supported by specification
IR Mini Bullet Camera	DH-IPC-HFW1020S	supported by specification
Mini Bullet Camera	DH-IPC-HFW1120RM	supported by specification
Mini Bullet Camera	DH-IPC-HFW1120S	supported by specification
Wi-Fi Mini Bullet Camera	DH-IPC-HFW1120S-W	supported by specification
Mini Bullet Camera	DH-IPC-HFW1200S	supported by specification
Wi-Fi Mini Bullet Camera	DH-IPC-HFW1200S-W	supported by specification
Mini Bullet Camera	DH-IPC-HFW1220RM	supported by specification
Mini Bullet Camera	DH-IPC-HFW1220S	supported by specification
Mini Bullet Camera	DH-IPC-HFW1230S	supported by specification
Mini Bullet Camera	DH-IPC-HFW1320RM	supported by specification
Mini Bullet Camera	DH-IPC-HFW1320S	supported by specification
Wi-Fi Mini Bullet Camera	DH-IPC-HFW1320S-W	supported by specification
Mini Bullet Camera	DH-IPC-HFW1431S	supported by specification
IR Fixed Fisheye Network Camera	DH-IPC-HFW1531S	ver.2.460.000000.16.R
Mini Bullet Camera	DH-IPC-HFW1831C-PIR	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW2100R-VF	supported by specification

Integration Protocol: CGI (native protocol)

- Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs;
- Audio:** All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711, AAC codecs;
- EdgeStorage:** EdgeStorage Sync; EdgeStorage Gate (ONVIF protocol only);
- Controls:** Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only), Recorded Tours (Call/Recording); Embedded Wiper; Embedded Light; Sensors (inputs); Relays (outputs);

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Supported Protocols: ONVIF, RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Vari-Focal Bullet Camera	DH-IPC-HFW2100R-Z	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW2120R-VFS	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW2120R-VFS-IRE6	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW2120R-ZS	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW2120R-ZS-IRE6	supported by specification
IR Bullet Network Camera	DH-IPC-HFW2121R-VFS-IRE6	supported by specification
IR Bullet Network Camera	DH-IPC-HFW2121R-ZS-IRE6	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW2200R-VF	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW2200R-Z	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW2201R-VFS	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW2201R-ZS	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW2220R-VFS	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW2220R-VFS-IRE6	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW2220R-ZS	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW2220R-ZS-IRE6	supported by specification
IR Bullet Network Camera	DH-IPC-HFW2221R-ZS-IRE6	supported by specification
Lite Bullet Camera	DH-IPC-HFW2230S-S-S2	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW2230T-VFAS	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW2230T-VFS	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW2230T-ZAS	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW2230T-ZS	supported by specification
Lite Bullet Camera	DH-IPC-HFW2231M-AS-I2-B-S2	supported by specification
Lite Bullet Camera	DH-IPC-HFW2231S-S-S2	supported by specification
Lite Bullet Camera	DH-IPC-HFW2231T-AS-S2	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW2231T-VFAS	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW2231T-VFS	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW2231T-ZAS	supported by specification
Lite Bullet Camera	DH-IPC-HFW2231-TZAS-S2	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW2231T-ZS	supported by specification
Lite Bullet Camera	DH-IPC-HFW2231T-ZS-S2	supported by specification
Lite Bullet Camera	DH-IPC-HFW2239M-AS-LED-B-S2	supported by specification
Lite Bullet Camera	DH-IPC-HFW2239S-SA-LED-S2	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW2300R-VF	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW2300R-Z	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW2320R-VFS	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW2320R-VFS-IRE6	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW2320R-ZS	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW2320R-ZS-IRE6	supported by specification
IR Bullet Network Camera	DH-IPC-HFW2421R-VFS-IRE6	supported by specification
IR Bullet Network Camera	DH-IPC-HFW2421R-ZS-IRE6	supported by specification
Lite Bullet Camera	DH-IPC-HFW2431S-S-S2	supported by specification
Lite Bullet Camera	DH-IPC-HFW2431T-AS-S2	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW2431T-VFAS	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW2431T-VFS	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW2431T-ZAS	supported by specification

Integration Protocol: CGI (native protocol)

- Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs;
- Audio:** All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711, AAC codecs;
- EdgeStorage:** EdgeStorage Sync; EdgeStorage Gate (ONVIF protocol only);
- Controls:** Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only), Recorded Tours (Call/Recording); Embedded Wiper; Embedded Light; Sensors (inputs); Relays (outputs);

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Supported Protocols: ONVIF, RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Lite Bullet Camera	DH-IPC-HFW2431T-ZAS-S2	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW2431T-ZS	supported by specification
Lite Bullet Camera	DH-IPC-HFW2431T-ZS-S2	supported by specification
Lite Bullet Camera	DH-IPC-HFW2439M-AS-LED-B-S2	supported by specification
Lite Bullet Camera	DH-IPC-HFW2439S-SA-LED-S2	supported by specification
Lite Bullet Camera	DH-IPC-HFW2531S-S-S2	supported by specification
Lite Bullet Camera	DH-IPC-HFW2531T-AS-S2	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW2531T-VFAS	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW2531T-VFS	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW2531T-ZAS	supported by specification
Lite Bullet Camera	DH-IPC-HFW2531T-ZAS-S2	supported by specification
IR Eyeball Network Camera	DH-IPC-HFW2531T-ZS	ver.2.460.000000.16.R
Lite Bullet Camera	DH-IPC-HFW2531T-ZS-S2	supported by specification
Lite Bullet Camera	DH-IPC-HFW2831S-S-S2	supported by specification
Lite Bullet Camera	DH-IPC-HFW2831T-AS-S2	supported by specification
Lite Bullet Camera	DH-IPC-HFW2831T-ZAS-S2	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW2831T-ZS	supported by specification
Lite Bullet Camera	DH-IPC-HFW2831T-ZS-S2	supported by specification
IR Bullet Network Camera	DH-IPC-HFW3241E-AS	supported by specification
IR Bullet Network Camera	DH-IPC-HFW3241E-SA	supported by specification
IR Bullet Network Camera	DH-IPC-HFW3241M-AS-I2	supported by specification
IR Bullet Network Camera	DH-IPC-HFW3241T-ZS	supported by specification
IR Bullet Network Camera	DH-IPC-HFW3241T-ZS	supported by specification
WizSense Full-color Series	DH-IPC-HFW3249E-AS-LED	supported by specification
WizSense Full-color Series	DH-IPC-HFW3249E-AS-NI	supported by specification
TiOC Series	DH-IPC-HFW3249T1-AS-PV	supported by specification
IR Bullet Network Camera	DH-IPC-HFW3441E-AS	supported by specification
IR Bullet Network Camera	DH-IPC-HFW3441E-SA	supported by specification
IR Bullet Network Camera	DH-IPC-HFW3441M-AS-I2	supported by specification
Special Series	DH-IPC-HFW3441M-AS-SFC-I2	supported by specification
IR Bullet Network Camera	DH-IPC-HFW3441T-ZAS	supported by specification
IR Bullet Network Camera	DH-IPC-HFW3441T-ZS	supported by specification
WizSense Full-color Series	DH-IPC-HFW3449E-AS-LED	supported by specification
WizSense Full-color Series	DH-IPC-HFW3449E-AS-NI	supported by specification
TiOC Series	DH-IPC-HFW3449T1-AS-PV	supported by specification
IR Bullet Network Camera	DH-IPC-HFW3541E-AS	supported by specification
IR Bullet Network Camera	DH-IPC-HFW3541E-SA	supported by specification
IR Bullet Network Camera	DH-IPC-HFW3541T-ZAS	supported by specification
IR Bullet Network Camera	DH-IPC-HFW3541T-ZS	supported by specification
WizSense Full-color Series	DH-IPC-HFW3549E-AS-LED	supported by specification
TiOC Series	DH-IPC-HFW3549T1-AS-PV	supported by specification
Wizsense Bullet Camera	DH-IPC-HFW3841E-AS	supported by specification
Wizsense Bullet Camera	DH-IPC-HFW3841E-SA	supported by specification
WizSense 3 Series	DH-IPC-HFW3841T-ZAS	supported by specification
WizSense 3 Series	DH-IPC-HFW3841T-ZS	supported by specification

Integration Protocol: CGI (native protocol)

- Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs;
- Audio:** All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711, AAC codecs;
- EdgeStorage:** EdgeStorage Sync; EdgeStorage Gate (ONVIF protocol only);
- Controls:** Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only), Recorded Tours (Call/Recording); Embedded Wiper; Embedded Light; Sensors (inputs); Relays (outputs);

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Supported Protocols: ONVIF, RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Wizsense Bullet Camera	DH-IPC-HFW3849T1-AS-PV	supported by specification
Mini IR Bullet Camera	DH-IPC-HFW4100E	supported by specification
Mini IR Bullet Camera	DH-IPC-HFW4100S	supported by specification
LXIR Bullet Camera	DH-IPC-HFW4120B	supported by specification
LXIR Bullet Camera	DH-IPC-HFW4120B-AS	supported by specification
LXIR Bullet Camera	DH-IPC-HFW4120D	supported by specification
LXIR Bullet Camera	DH-IPC-HFW4120D-AS	supported by specification
Mini IR Bullet Camera	DH-IPC-HFW4120E	supported by specification
Mini IR Bullet Camera	DH-IPC-HFW4120S	supported by specification
Mini IR Bullet Camera	DH-IPC-HFW4200E	supported by specification
Mini IR Bullet Camera	DH-IPC-HFW4200S	supported by specification
LXIR Bullet Camera	DH-IPC-HFW4220B	supported by specification
LXIR Bullet Camera	DH-IPC-HFW4220B-AS	supported by specification
LXIR Bullet Camera	DH-IPC-HFW4220D	supported by specification
LXIR Bullet Camera	DH-IPC-HFW4220D-AS	supported by specification
Mino IR Bullet Camera	DH-IPC-HFW4220E	supported by specification
Mino IR Bullet Camera	DH-IPC-HFW4220S	supported by specification
LXIR Bullet Camera	DH-IPC-HFW4221B	supported by specification
LXIR Bullet Camera	DH-IPC-HFW4221B-AS	supported by specification
LXIR Bullet Camera	DH-IPC-HFW4221D	supported by specification
LXIR Bullet Camera	DH-IPC-HFW4221D-AS	supported by specification
Mini Bullet Camera	DH-IPC-HFW4221E	supported by specification
Mini Bullet Camera	DH-IPC-HFW4221S	supported by specification
LXIR Bullet Camera	DH-IPC-HFW4231B-AS	ver.2.400.0000.23.R
LXIR Bullet Camera	DH-IPC-HFW4231D-AS	ver.2.400.0000.23.R
Mini Bullet Camera	DH-IPC-HFW4231E-S	ver.2.400.0000.23.R
IR Fixed Network Camera	DH-IPC-HFW4231E-SE	supported by specification
Mini Bullet Camera	DH-IPC-HFW4231S	ver.2.400.0000.23.R
IR Fixed Network Camera	DH-IPC-HFW4231T-ASE	supported by specification
Mini Bullet Camera	DH-IPC-HFW4300E	supported by specification
Mini Bullet Camera	DH-IPC-HFW4300S	supported by specification
LXIR Bullet Camera	DH-IPC-HFW4421B	supported by specification
LXIR Bullet Camera	DH-IPC-HFW4421B-AS	supported by specification
LXIR Bullet Camera	DH-IPC-HFW4421D	supported by specification
LXIR Bullet Camera	DH-IPC-HFW4421D-AS	supported by specification
Mini Bullet Camera	DH-IPC-HFW4421E	supported by specification
Mini Bullet Camera	DH-IPC-HFW4421S	supported by specification
LXIR Bullet Camera	DH-IPC-HFW4431B-AS	ver.2.400.0000.23.R
LXIR Bullet Camera	DH-IPC-HFW4431D-AS	ver.2.400.0000.23.R
Mini Bullet Camera	DH-IPC-HFW4431E-S	ver.2.400.0000.23.R
IR Fixed Network Camera	DH-IPC-HFW4431E-SE	supported by specification
Mini Bullet Camera	DH-IPC-HFW4431S	ver.2.400.0000.23.R
IR Fixed Network Camera	DH-IPC-HFW4431T-ASE	supported by specification
IR Mini Bullet Network Camera	DH-IPC-HFW4631E-SE	ver.2.460.000000.16.R
IR Fixed Network Camera	DH-IPC-HFW4631T-ASE	supported by specification

Integration Protocol: CGI (native protocol)

- Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs;
- Audio:** All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711, AAC codecs;
- EdgeStorage:** EdgeStorage Sync; EdgeStorage Gate (ONVIF protocol only);
- Controls:** Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only), Recorded Tours (Call/Recording); Embedded Wiper; Embedded Light; Sensors (inputs); Relays (outputs);

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Supported Protocols: ONVIF, RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Mini Bullet Camera	DH-IPC-HFW4800E	supported by specification
Mini Bullet Camera	DH-IPC-HFW4830E-S	ver.2.400.0000.23.R
IR Fixed Network Camera	DH-IPC-HFW4831E-SE	supported by specification
IR Fixed Network Camera	DH-IPC-HFW4831T-ASE	supported by specification
Water-proof IR-Bullet Camera	DH-IPC-HFW5100C	supported by specification
Water-proof IR-Bullet Camera	DH-IPC-HFW5100D	supported by specification
IR Bullet Camera	DH-IPC-HFW5100E-VF	supported by specification
Water-proof IR-Bullet Camera	DH-IPC-HFW5100-IRA	supported by specification
Fixed IR Bullet Camera	DH-IPC-HFW5121E-Z	supported by specification
Water-proof IR-Bullet Camera	DH-IPC-HFW5200	supported by specification
Water-proof IR-Bullet Camera	DH-IPC-HFW5200D	supported by specification
IR Bullet Camera	DH-IPC-HFW5200E-VF	supported by specification
IR Bullet Camera	DH-IPC-HFW5200E-Z	supported by specification
IR Bullet Camera	DH-IPC-HFW5200E-Z12	supported by specification
Water-proof IR Bullet Camera	DH-IPC-HFW5200-IRA	supported by specification
Water-proof IR Bullet Camera	DH-IPC-HFW5202C	supported by specification
IR Bullet Camera	DH-IPC-HFW5220E-Z	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW5221E-Z	supported by specification
Vandal Proof Network IR-Bullet Camera	DH-IPC-HFW5221E-Z-V	supported by specification
IR Bullet Camera	DH-IPC-HFW5231E-Z	ver.2.400.0000.23.R
Vari-Focal Bullet Camera	DH-IPC-HFW5231E-Z12E	supported by specification
IR Bullet Camera	DH-IPC-HFW5231E-Z5	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW5231E-Z5E	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW5231E-ZE	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW5241E-S	supported by specification
WizMind 5 Series	DH-IPC-HFW5241E-SE	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW5241E-Z12	supported by specification
WizMind 5 Series	DH-IPC-HFW5241E-Z12E	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW5241E-Z5E	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW5241E-ZE	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW5241E-ZHE	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW5241T-ASE	supported by specification
WizMind Full-color Series	DH-IPC-HFW5241T-ASE-NI	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW5241T-AS-LED	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW5241T-AS-PV	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW5241T-S	supported by specification
WizMind 5 Series	DH-IPC-HFW5241T-SE	supported by specification
IR Bullet Network Camera	DH-IPC-HFW5242E-ZE-MF	supported by specification
WizMind 5 Series	DH-IPC-HFW5242H-Z6E-MF	supported by specification
WizMind 5 Series	DH-IPC-HFW5242H-ZE-MF	supported by specification
WizMind 5 Series	DH-IPC-HFW5242H-ZHE-MF	supported by specification
IR Bullet Network Camera	DH-IPC-HFW5242T-ASE-MF	supported by specification
IR Bullet Camera	DH-IPC-HFW5300C	supported by specification
IR Bullet Camera	DH-IPC-HFW5300E-VF	supported by specification
Vari-Focal IR Bullet Camera	DH-IPC-HFW5300E-Z	supported by specification

Integration Protocol: CGI (native protocol)

- Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs;
- Audio:** All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711, AAC codecs;
- EdgeStorage:** EdgeStorage Sync; EdgeStorage Gate (ONVIF protocol only);
- Controls:** Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only), Recorded Tours (Call/Recording); Embedded Wiper; Embedded Light; Sensors (inputs); Relays (outputs);

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Supported Protocols: ONVIF, RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Vari-Focal IR Bullet Camera	DH-IPC-HFW5302C	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW5421E-Z	supported by specification
IR Bullet Camera	DH-IPC-HFW5431E-Z	ver.2.400.0000.23.R
IR Bullet Camera	DH-IPC-HFW5431E-Z5	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW5431E-Z5E	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW5431E-ZE	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW5442E-S	supported by specification
WizMind 5 Series	DH-IPC-HFW5442E-SE	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW5442E-Z4E	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW5442E-ZE	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW5442E-ZHE	supported by specification
WizMind 5 Series	DH-IPC-HFW5442H-Z4E	supported by specification
WizMind 5 Series	DH-IPC-HFW5442H-ZE	supported by specification
WizMind 5 Series	DH-IPC-HFW5442H-ZHE	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW5442T-ASE	supported by specification
IR Bullet Network Camera	DH-IPC-HFW5442T-ASE-NI	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW5442T-AS-LED	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW5442T-S	supported by specification
WizMind 5 Series	DH-IPC-HFW5442T-SE	supported by specification
Vari-Focal IR-Bullet Camera	DH-IPC-HFW5502C	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW5541E-S	supported by specification
WizMind 5 Series	DH-IPC-HFW5541E-SE	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW5541E-Z5E	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW5541E-ZE	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW5541T-ASE	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW5541T-AS-PV	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW5541T-S	supported by specification
WizMind 5 Series	DH-IPC-HFW5541T-SE	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW5631EP-Z5E	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW5631EP-ZE	supported by specification
IR Bullet Network Camera	DH-IPC-HFW5631E-ZE	ver.2.460.000000.16.R
IR Bullet Camera	DH-IPC-HFW5830E-Z	supported by specification
IR Bullet Camera	DH-IPC-HFW5830E-Z5	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW5831E-Z5E	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW5831E-ZE	supported by specification
WizMind 5 Series	DH-IPC-HFW5842H-ZHE	supported by specification
WizMind 7 Series	DH-IPC-HFW71242H-Z	supported by specification
BOX Network Camera	DH-IPC-HFW7442H-Z	supported by specification
BOX Network Camera	DH-IPC-HFW7442H-Z4	supported by specification
BOX Network Camera	DH-IPC-HFW7442H-Z4FR	supported by specification
BOX Network Camera	DH-IPC-HFW7442H-ZFR	supported by specification
BOX Network Camera	DH-IPC-HFW7842H-Z	supported by specification
WizMind 7 Series	DH-IPC-HFW7842H-Z4	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW81200E-Z	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW81230E-Z	ver.2.420.0000.21.R

Integration Protocol: CGI (native protocol)

- Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs;
- Audio:** All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711, AAC codecs;
- EdgeStorage:** EdgeStorage Sync; EdgeStorage Gate (ONVIF protocol only);
- Controls:** Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only), Recorded Tours (Call/Recording); Embedded Wiper; Embedded Light; Sensors (inputs); Relays (outputs);

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Supported Protocols: ONVIF, RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Vari-Focal Bullet Camera	DH-IPC-HFW81230E-ZE	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW8231E-Z	ver.2.420.0000.21.R
Vari-Focal Bullet Camera	DH-IPC-HFW8231E-Z5	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW8231E-ZE	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW8232E-Z	ver.2.460.0000.3.R
Vari-Focal Bullet Camera	DH-IPC-HFW8232E-ZE	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW8241E-Z	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW8241E-Z5	supported by specification
WizMind Other Series	DH-IPC-HFW8241X-3D	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW8242E-Z20FD-IRA-LED	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW8242E-Z20FR-IRA-LED	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW8242E-Z4FD-IRA-LED	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW8242E-Z4FR-IRA-LED	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW8281E-Z	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW8331E-Z	ver.2.420.0000.21.R
Vari-Focal Bullet Camera	DH-IPC-HFW8331E-Z5	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW8331E-ZE	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW8630E-Z	ver.2.420.0000.21.R
Vari-Focal Bullet Camera	DH-IPC-HFW8630E-ZE	supported by specification
Wizmind Bullet Camera	DH-IPC-HFW8841X-E3	supported by specification
Wizmind Bullet Camera	DH-IPC-HFW8841X-E3-LB	supported by specification
Special Series	DH-IPC-HUM4231-S2	supported by specification
Pinhole Camera	DH-IPC-HUM8101	supported by specification
Pinhole Camera	DH-IPC-HUM8230-E1	supported by specification
Special Series	DH-IPC-HUM8231-E1/E2	supported by specification
Special Series	DH-IPC-HUM8431-E1	supported by specification
Cube Camera	DH-IPC-K100	supported by specification
Cube Camera	DH-IPC-K100A	supported by specification
Wi-Fi Cube Camera	DH-IPC-K100W	supported by specification
Wi-Fi Cube Camera	DH-IPC-K15	supported by specification
Wi-Fi Cube Camera	DH-IPC-K15S	supported by specification
Cube Camera	DH-IPC-K200	supported by specification
Cube Camera	DH-IPC-K200A	supported by specification
Wi-Fi Cube Camera	DH-IPC-K200W	supported by specification
Wi-Fi Cube Camera	DH-IPC-K35	supported by specification
Wi-Fi Cube Camera	DH-IPC-K35S	supported by specification
Cube Camera	DH-IPC-KW10	supported by specification
Cube Camera	DH-IPC-KW100	supported by specification
Wi-Fi Cube Camera	DH-IPC-KW10W	supported by specification
Cube Camera	DH-IPC-KW12	supported by specification
Wi-Fi Cube Camera	DH-IPC-KW12W	supported by specification
Panorama Camera	DH-IPC-PDBW5831-B360	supported by specification
Panorama Camera	DH-IPC-PDBW82041-B360	supported by specification
Multi-Lens Panoramic IR Bullet Camera	DH-IPC-PDBW8800-A180	supported by specification
Multi-Lens Panoramic IR Bullet Camera	DH-IPC-PDBW8802-A180	supported by specification

Integration Protocol: CGI (native protocol)

- Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs;
- Audio:** All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711, AAC codecs;
- EdgeStorage:** EdgeStorage Sync; EdgeStorage Gate (ONVIF protocol only);
- Controls:** Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only), Recorded Tours (Call/Recording); Embedded Wiper; Embedded Light; Sensors (inputs); Relays (outputs);

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Supported Protocols: ONVIF, RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Multi-Sensor Panoramic Network Camera	DH-IPC-PDBW8840-A180	supported by specification
Multi-Lens Panoramic IR Bullet Camera	DH-IPC-PF83230-A180	supported by specification
Multi-Sensor Panoramic Network Camera	DH-IPC-PFW83242-A180	supported by specification
Multi-Lens Panoramic IR Bullet Camera	DH-IPC-PFW8601-A180	supported by specification
Multi-Lens Panoramic IR Bullet Camera	DH-IPC-PFW8800-A180	supported by specification
Multi-Lens Panoramic IR Bullet Camera	DH-IPC-PFW8802-A180	supported by specification
Multi-Sensor Panoramic Network Camera	DH-IPC-PFW8840-A180	supported by specification
Panorama Camera	DH-IPC-PSDW5231S-B120	supported by specification
Panorama Camera	DH-IPC-PSDW5631S-B360	supported by specification
Panorama Camera	DH-IPC-PSDW81642M-A360	supported by specification
Panorama Camera	DH-IPC-PSDW81642ML-A360	supported by specification
Panorama Camera	DH-IPC-PSDW8842M-A180	supported by specification
Panorama Camera	DH-IPC-PSDW8842ML-A180	supported by specification
ITS Parking Camera	DH-ITC114-PH1A	supported by specification
ITS Parking Camera	DH-ITC114-PH1B	supported by specification
ITS LPR Camera	DH-ITC206-RF1A	ver.2.300.0001.4.R
ITS LPR Camera	DH-ITC206-RU1A-HL	supported by specification
ITS LPR Camera	DH-ITC206-RU1A-IRHL	supported by specification
ITS LPR Camera	DH-ITC206-RU1A-IRL	supported by specification
ITS LPR Camera	DH-ITC206-RU1A-L	supported by specification
ITS Parking Short Focus Camera	DH-ITC217-PW1B-IRLZ	supported by specification
ITS Parking Long Focus Camera	DH-ITC217-PW1B-IRLZ10	supported by specification
ITS Traffic Flow Camera	DH-ITC235-TF1A	supported by specification
ITS Traffic Flow Camera	DH-ITC235-TU1A	supported by specification
ITS Parking Long Focus Camera	DH-ITC237-PU1A-HL	supported by specification
ITS Parking Long Focus Camera	DH-ITC237-PU1A-IRHL	supported by specification
ITS LPR Camera	DH-ITC237-PU1B-IR	supported by specification
ITS LPR Camera	DH-ITC237-PU1B-L	supported by specification
ITS Parking Short Focus Camera	DH-ITC237-PW1A-IRZ	supported by specification
ITS Parking Short Focus Camera	DH-ITC237-PW1B-IRZ	supported by specification
ITS Camera	DH-ITC302-RF1A	supported by specification
ITS LPR Camera	DH-ITC302-RF1A-IR	supported by specification
ITS LPR Camera	DH-ITC302-RU1A-HL	supported by specification
ITS LPR Camera	DH-ITC302-RU1A-HLZ	supported by specification
ITS LPR Camera	DH-ITC302-RU1A-IRHL	supported by specification
ITS LPR Camera	DH-ITC302-RU1A-IRHLZ	supported by specification
ITS Parking Camera	DH-ITC314-PH1A	supported by specification
ITS Parking Camera	DH-ITC314-PH1A-TF2	supported by specification
ITS Parking Camera	DH-ITC314-PH1B	supported by specification
ITS LPR Camera	DH-ITC602-RF1A-IR	supported by specification
ITS LPR Camera	DH-ITC602-RU1A-HL	supported by specification
ITS LPR Camera	DH-ITC602-RU1A-IRHL	supported by specification
Law-enforcement Video Recorder	DH-MPT300	supported by specification
IR Fixed Fisheye Network Camera	DH-N51BD22	ver.2.460.0000000.16.R
IR Fixed Fisheye Network Camera	DH-N51BD23	ver.2.460.0000000.16.R

Integration Protocol: CGI (native protocol)

- Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs;
- Audio:** All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711, AAC codecs;
- EdgeStorage:** EdgeStorage Sync; EdgeStorage Gate (ONVIF protocol only);
- Controls:** Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only), Recorded Tours (Call/Recording); Embedded Wiper; Embedded Light; Sensors (inputs); Relays (outputs);

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Supported Protocols: ONVIF, RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
IR Eyeball Network Camera	DH-N51BI22	ver.2.460.0000000.16.R
IR Eyeball Network Camera	DH-N51BI23	ver.2.460.0000000.16.R
IR WiFi Fixed MiniDome Camera	DH-N51BL22	ver.2.460.0000000.16.R
IR WiFi Fixed MiniDome Camera	DH-N51BL23	ver.2.460.0000000.16.R
IR Eyeball Network Camera	DH-N52BF3Z	ver.2.460.0000000.16.R
IR Vari-focal Network Dome Camera	DH-N52BM3Z	ver.2.460.0000000.16.R
IR Mini Bullet Network Camera	DH-N64CB32	ver.2.460.0000000.16.R
IR Mini Bullet Network Camera	DH-N64CB33	ver.2.460.0000000.16.R
IR Eyeball Network Camera	DH-N64CG52	ver.2.460.0000000.16.R
IR Eyeball Network Camera	DH-N64CG53	ver.2.460.0000000.16.R
IR Mini Dome Network Camera	DH-N64CL52	ver.2.460.0000000.16.R
IR Mini Dome Network Camera	DH-N64CL53	ver.2.460.0000000.16.R
IR Bullet Network Camera	DH-N65CB5Z	ver.2.460.0000000.16.R
IR Dome Network Camera	DH-N65CL5Z	ver.2.460.0000000.16.R
Fixed Mini-Dome Camera	DH-PC-HDBW1220E	supported by specification
LXIR Bullet Camera	DH-PC-HFW4221B	supported by specification
LXIR Bullet Camera	DH-PC-HFW4221B-AS	supported by specification
Multi-Lens Panoramic camera	DH-PSD81602-A360	supported by specification
Multi-Lens Panoramic camera	DH-PSD8802-A180	supported by specification
Multi-Sensor Panoramic & PTZ Network Camera	DH-PSDW81642M-A180-D440	supported by specification
Multi-Sensor Panoramic & PTZ Network Camera	DH-PSDW81642M-A360	supported by specification
WizMind Other Series	DH-PSDW81642ML-A360	supported by specification
Multi-Sensor Panoramic & PTZ Network Camera	DH-PSDW81642ML-A360-D237	supported by specification
Multi-Sensor Panoramic & PTZ Network Camera	DH-PSDW82442M-A270-D440	supported by specification
Panorama Camera	DH-PSDW83242M-A360-D845	supported by specification
Multi-Sensor Panoramic & PTZ Network Camera	DH-PSDW8842M-A180	supported by specification
WizMind Other Series	DH-PSDW8842ML-A180	supported by specification
Multi-Sensor Panoramic & PTZ Network Camera	DH-PSDW8842ML-A180-D237	supported by specification
IR Positioning System	DH-PTZ12230F-IRB-N	supported by specification
Laser IR Positioning System	DH-PTZ12230F-LR8-N	supported by specification
IR Positioning System	DH-PTZ12230-IRB-N	supported by specification
Laser Positioning System	DH-PTZ12230-LR8-N	supported by specification
IR Positioning System	DH-PTZ12240-IRB-N	supported by specification
Laser Positioning System	DH-PTZ12240-LR8-N	supported by specification
Positioning System	DH-PTZ19240V-IRB-N	supported by specification
Positioning System	DH-PTZ19245U-IRB-N	supported by specification
WizSense	DH-PTZ1A225-HNR-XA	supported by specification
Speed Dome Camera	DH-PTZ1A225U-IRA-N	supported by specification
Starlight IR PTZ Network Camera	DH-PTZ1C200UE-GN	supported by specification
Starlight IR PTZ Wi-Fi Network Camera	DH-PTZ1C200UE-GN-W	supported by specification
Starlight IR PTZ Network Camera	DH-PTZ1C203UE-GN	supported by specification
Starlight IR PTZ Wi-Fi Network Camera	DH-PTZ1C203UE-GN-W	supported by specification
IR Mobile Positioning System	DH-PTZ35230U-IRA-N	supported by specification
WizMind	DH-PTZ83240-HNF-WA	supported by specification
WizMind	DH-PTZ83440-HNF-WA	supported by specification

Integration Protocol: CGI (native protocol)

- Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs;
- Audio:** All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711, AAC codecs;
- EdgeStorage:** EdgeStorage Sync; EdgeStorage Gate (ONVIF protocol only);
- Controls:** Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only), Recorded Tours (Call/Recording); Embedded Wiper; Embedded Light; Sensors (inputs); Relays (outputs);

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Supported Protocols: ONVIF, RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
WizMind	DH-PTZ83840-HNF-WA	supported by specification
WizMind	DH-PTZ85260-HNF-WA	supported by specification
WizMind	DH-PTZ85260-HNF-WA-FL	supported by specification
WizMind	DH-PTZ85448-HNF-WA	supported by specification
WizMind	DH-PTZ85448-HNF-WA-FL	supported by specification
WizMind	DH-PTZ85848-HNF-WA	supported by specification
WizMind	DH-PTZ8848-HNF-WA-FL	supported by specification
Starlight+ IR PTZ AI Network Camera	DH-SD10A248WA-HNF	supported by specification
Starlight+ IR PTZ AI Network Camera	DH-SD10A260WA-HNF	supported by specification
Starlight+ IR PTZ AI Network Camera	DH-SD10A448WA-HNF	supported by specification
Starlight+ IR PTZ AI Network Camera	DH-SD10A848WA-HNF	supported by specification
Mini Speed Dome Camera	DH-SD12200T-GN	supported by specification
Mini Speed Dome Wifi Camera	DH-SD12200T-GN-W	supported by specification
Mini Speed Dome Camera	DH-SD12203T-GN	supported by specification
Mini Speed Dome Wifi Camera	DH-SD12203T-GN-W	supported by specification
Mini Speed Dome Camera	DH-SD1A200T-GN	supported by specification
Mini Speed Dome Wifi Camera	DH-SD1A200T-GN-W	supported by specification
IR PTZ Dome Camera	DH-SD1A203T-GN	supported by specification
IP PTZ-Lite Series	DH-SD1A203T-GN-S2	supported by specification
Mini Speed Dome Wifi Camera	DH-SD1A203T-GN-W	supported by specification
IP PTZ-Lite Series	DH-SD1A203T-GN-W-S2	supported by specification
WizSense	DH-SD1A404XB-GNR	supported by specification
WizSense	DH-SD1A404XB-GNR-W	supported by specification
Mini IR PTZ Camera	DH-SD22204T-GN	supported by specification
Wi-Fi Mini IR PTZ Camera	DH-SD22204T-GN-W	supported by specification
IP PTZ-Lite Series	DH-SD22204UE-GN	supported by specification
IP PTZ-Lite Series	DH-SD22204UE-GN-W	supported by specification
IP PTZ-Lite Series	DH-SD22404T-GN-S2	supported by specification
IP PTZ-Lite Series	DH-SD22404T-GN-W-S2	supported by specification
Mini IR PTZ Camera	DH-SD29204S-GN	supported by specification
Wi-Fi Mini IR PTZ Camera	DH-SD29204S-GN-W	supported by specification
Mini IR PTZ Camera	DH-SD29204T-GN	supported by specification
Wi-Fi Mini IR PTZ Camera	DH-SD29204T-GN-W	supported by specification
IP PTZ-Lite Series	DH-SD29204UE-GN	supported by specification
IP PTZ-Lite Series	DH-SD29204UE-GN-W	supported by specification
Speed Dome Camera	DH-SD32203S-HN	supported by specification
Wizsense PTZ Camera	DH-SD3A200-GNP-PV-W	supported by specification
Wizsense PTZ Camera	DH-SD3A205-GNP-PV	supported by specification
Wizsense PTZ Camera	DH-SD3A400-GNP-B-PV	supported by specification
Speed Dome Camera	DH-SD40212S-HN	supported by specification
Speed Dome Camera	DH-SD40212T-HN	supported by specification
IP PTZ-Lite Series	DH-SD40212T-HN-S2	supported by specification
Speed Dome Camera	DH-SD42212S-HN	ver.2.210.0000.0.R
Speed Dome Camera	DH-SD42212T-HN	supported by specification
PTZ Dome Camera	DH-SD42212T-HN-S2	supported by specification

Integration Protocol: CGI (native protocol)

- Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs;
- Audio:** All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711, AAC codecs;
- EdgeStorage:** EdgeStorage Sync; EdgeStorage Gate (ONVIF protocol only);
- Controls:** Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only), Recorded Tours (Call/Recording); Embedded Wiper; Embedded Light; Sensors (inputs); Relays (outputs);

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Supported Protocols: ONVIF, RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Speed Dome Camera	DH-SD42C212S-HN	supported by specification
Speed Dome Camera	DH-SD42C212T-HN	supported by specification
IP PTZ-Lite Series	DH-SD42C212T-HN-S2	supported by specification
IR Speed Dome Camera	DH-SD49212T-HN	supported by specification
IP PTZ-Lite Series	DH-SD49212T-HN-S2	supported by specification
IR Speed Dome Camera	DH-SD49220T-HN	supported by specification
IR Speed Dome Camera	DH-SD49225T-HN	supported by specification
WizSense	DH-SD49225XA-HNR	supported by specification
WizSense	DH-SD49425XB-HNR	supported by specification
WizSense	DH-SD49425XB-HNR-G	supported by specification
Speed Dome Camera	DH-SD50120T-HN	supported by specification
Speed Dome Camera	DH-SD50131U-HNI	supported by specification
Speed Dome Camera	DH-SD50220S-HN	supported by specification
Speed Dome Camera	DH-SD50220T-HN	supported by specification
Speed Dome Camera	DH-SD50225U-HNI	supported by specification
Speed Dome Camera	DH-SD50230S-HN	supported by specification
Speed Dome Camera	DH-SD50230T-HN	supported by specification
Speed Dome Camera	DH-SD50230U-HNI	supported by specification
WizSense	DH-SD50232XA-HNR	supported by specification
Speed Dome Camera	DH-SD50430U-HNI	supported by specification
WizSense	DH-SD50432XA-HNR	supported by specification
Speed Dome Camera	DH-SD50C120S-HN	supported by specification
Speed Dome Camera	DH-SD50C120T-HN	supported by specification
Speed Dome Camera	DH-SD52C120S-HN	supported by specification
Speed Dome Camera	DH-SD52C120T-HN	supported by specification
Speed Dome Camera	DH-SD52C131U-HNI	supported by specification
Speed Dome Camera	DH-SD52C220S-HN	supported by specification
Speed Dome Camera	DH-SD52C220T-HN	supported by specification
Speed Dome Camera	DH-SD52C225U-HNI	supported by specification
Speed Dome Camera	DH-SD52C230S-HN	supported by specification
Speed Dome Camera	DH-SD52C230T-HN	supported by specification
Speed Dome Camera	DH-SD52C230U-HNI	supported by specification
WizSense	DH-SD52C232XA-HNR	supported by specification
Speed Dome Camera	DH-SD52C430U-HNI	supported by specification
WizSense	DH-SD52C432XA-HNR	supported by specification
Speed Dome Camera	DH-SD56230V-HNI	supported by specification
IR Speed Dome Camera	DH-SD59120S-HN	supported by specification
IR Speed Dome Camera	DH-SD59120T-HN	supported by specification
IR Speed Dome Camera	DH-SD59131U-HNI	supported by specification
IR Speed Dome Camera	DH-SD59212S-HN	supported by specification
IR Speed Dome Camera	DH-SD59220S-HN	supported by specification
IR Speed Dome Camera	DH-SD59220T-HN	supported by specification
IR Speed Dome Camera	DH-SD59225U-HNI	supported by specification
IR Speed Dome Camera	DH-SD59230S-HN	supported by specification
IR Speed Dome Camera	DH-SD59230T-HN	supported by specification

Integration Protocol: CGI (native protocol)

- Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs;
- Audio:** All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711, AAC codecs;
- EdgeStorage:** EdgeStorage Sync; EdgeStorage Gate (ONVIF protocol only);
- Controls:** Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only), Recorded Tours (Call/Recording); Embedded Wiper; Embedded Light; Sensors (inputs); Relays (outputs);

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Supported Protocols: ONVIF, RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
IR Speed Dome Camera	DH-SD59230U-HNI	supported by specification
Starlight IR PTZ AI Network Camera	DH-SD59232XA-HNR	supported by specification
IR Speed Dome Camera	DH-SD59430U-HNI	supported by specification
Starlight IR PTZ AI Network Camera	DH-SD59432XA-HNR	supported by specification
WizSense	DH-SD5A225XA-HNR	supported by specification
WizSense	DH-SD5A232XA-HNR	supported by specification
Wizsense PTZ Camera	DH-SD5A245XA-HNR	supported by specification
Starlight IR PTZ AI Network Camera	DH-SD5A425XA-HNR	supported by specification
WizSense	DH-SD5A432XA-HNR	supported by specification
Speed Dome Camera	DH-SD5A445XA-HNR	supported by specification
WizSense	DH-SD5A825-HNR-YA	supported by specification
Speed Dome Camera	DH-SD60120T-HN	supported by specification
Speed Dome Camera	DH-SD60131U-HNI	supported by specification
Speed Dome Camera	DH-SD60220T-HN	supported by specification
Speed Dome Camera	DH-SD60225U-HNI	supported by specification
Speed Dome Camera	DH-SD60230T-HN	supported by specification
Speed Dome Camera	DH-SD60230U-HNI	supported by specification
Anti-corrosion PTZ Camera	DH-SD60230U-HNI-SL	supported by specification
Speed Dome Camera	DH-SD60430U-HNI	supported by specification
Speed Dome Camera	DH-SD63120S-HN	supported by specification
Speed Dome Camera	DH-SD63220S-HN	supported by specification
Speed Dome Camera	DH-SD63230S-HN	supported by specification
Speed Dome Camera	DH-SD65230-HNI	supported by specification
Speed Dome Camera	DH-SD65320-HN	supported by specification
Speed Dome Camera	DH-SD65F230F-HNI	supported by specification
Starlight+ IR PTZ AI Network Camera	DH-SD65F233XA-HNR	supported by specification
Speed Dome Camera	DH-SD65F830V-HNI	supported by specification
IR Speed Dome Camera	DH-SD6A230-HNI	supported by specification
IR Speed Dome Camera	DH-SD6A320-HN	supported by specification
IR Speed Dome Camera	DH-SD6AE230F-HNI	supported by specification
Speed Dome Camera	DH-SD6AE233XA-HNR	supported by specification
IR Speed Dome Camera	DH-SD6AE240V-HNI	supported by specification
IR Speed Dome Camera	DH-SD6AE530U-HNI	supported by specification
IR Speed Dome Camera	DH-SD6AE830V-HNI	supported by specification
Laser Speed Dome Camera	DH-SD6AL230F-HNI	supported by specification
Starlight+ IR PTZ AI Network Camera	DH-SD6AL233XA-HNR	supported by specification
Starlight+ IR PTZ AI Network Camera	DH-SD6AL233XA-HNR-IR	supported by specification
Laser Speed Dome Camera	DH-SD6AL240-HNI	supported by specification
IP PTZ-Ultra Series	DH-SD6AL245U-HNI	supported by specification
IP PTZ-Ultra Series	DH-SD6AL245U-HNI-IR	supported by specification
Wizmind PTZ Camera	DH-SD6AL245XA-HNR	supported by specification
Starlight Laser PTZ AI Network Camera	DH-SD6AL445XA-HNR	supported by specification
Starlight IR PTZ AI Network Camera	DH-SD6AL445XA-HNR-IR	supported by specification
IR Speed Dome Camera	DH-SD6AL830V-HNI	supported by specification
IR Speed Dome Camera	DH-SD6AW230-HNI	supported by specification

Integration Protocol: CGI (native protocol)

- Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs;
- Audio:** All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711, AAC codecs;
- EdgeStorage:** EdgeStorage Sync; EdgeStorage Gate (ONVIF protocol only);
- Controls:** Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only), Recorded Tours (Call/Recording); Embedded Wiper; Embedded Light; Sensors (inputs); Relays (outputs);

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Supported Protocols: ONVIF, RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
IR Speed Dome Camera	DH-SD6AW320-HN	supported by specification
IR Speed Dome Camera	DH-SD6C120S-HN	supported by specification
IR Speed Dome Camera	DH-SD6C120T-HN	supported by specification
IR Speed Dome Camera	DH-SD6C131U-HNI	supported by specification
IR Speed Dome Camera	DH-SD6C220S-HN	supported by specification
IR Speed Dome Camera	DH-SD6C220T-HN	supported by specification
IR Speed Dome Camera	DH-SD6C225U-HNI	supported by specification
IR Speed Dome Camera	DH-SD6C230E-HN	supported by specification
IR Speed Dome Camera	DH-SD6C230S-HN	supported by specification
IR Speed Dome Camera	DH-SD6C230T-HN	supported by specification
IR Speed Dome Camera	DH-SD6C230U-HNI	supported by specification
IR Speed Dome Camera	DH-SD6C430U-HNI	supported by specification
IR Speed Dome Camera	DH-SD6CE131U-HNI	supported by specification
IR Speed Dome Camera	DH-SD6CE225U-HNI	supported by specification
IR Speed Dome Camera	DH-SD6CE230U-HNI	supported by specification
Starlight IR PTZ Network Camera	DH-SD6CE245U-HNI	supported by specification
Wizsense PTZ Camera	DH-SD6CE245XA-HNR	supported by specification
IR Speed Dome Camera	DH-SD6CE430U-HNI	supported by specification
Speed Dome Camera	DH-SD6CE445XA-HNR	supported by specification
IR Speed Dome Camera	DH-SD8A240VI-HNI	supported by specification
Starlight IR PTZ AI Network Camera	DH-SD8A240WA-HNF	supported by specification
WizMind	DH-SD8A250WA-HNF	supported by specification
IR Speed Dome Camera	DH-SD8A440VI-HNI	supported by specification
Starlight IR PTZ AI Network Camera	DH-SD8A440WA-HNF	supported by specification
Starlight IR PTZ AI Network Camera	DH-SD8A820WA-HNF	supported by specification
IR Speed Dome Camera	DH-SD8A840VI-HNI	supported by specification
Starlight IR PTZ AI Network Camera	DH-SD8A840WA-HNF	supported by specification
WizMind	DH-SDT5X225-2F-WA-0600	supported by specification
Starlight Hunter AI Camera	DH-SDT5X405-4F-WA	supported by specification
Wizmind PTZ Camera	DH-SDT5X425-4Z4-WA-0832	supported by specification
Wizmind PTZ Camera	DH-SDT5X425-4Z4-WA-2812	supported by specification
Zoom Camera	DH-SDZ1020S-N	supported by specification
Zoom Camera	DH-SDZ2020S-N	supported by specification
Zoom Camera	DH-SDZ2030S-N	supported by specification
Zoom Camera	DH-SDZH1020S-N	supported by specification
Zoom Camera	DH-SDZH2030S-N	supported by specification
IR Zoom Camera	DH-SDZW1020S-N	supported by specification
Anti-corrosion Series	DH-SDZW2000T-SL	supported by specification
IR Zoom Camera	DH-SDZW2020S-N	supported by specification
IR Zoom Camera	DH-SDZW2030S-N	supported by specification
Anti-corrosion Series	DH-SDZW2030U-SL	supported by specification
Lite-1 Series	DH-TPC-BF1241	supported by specification
Lite-1 Series	DH-TPC-BF1241-WIFI	supported by specification
Thermal Network Hybrid Bullet Camera	DH-TPC-BF2221	supported by specification
Thermal Network Hybrid Bullet Camera	DH-TPC-BF2221-HTM	supported by specification

Integration Protocol: CGI (native protocol)

- Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs;
- Audio:** All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711, AAC codecs;
- EdgeStorage:** EdgeStorage Sync; EdgeStorage Gate (ONVIF protocol only);
- Controls:** Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only), Recorded Tours (Call/Recording); Embedded Wiper; Embedded Light; Sensors (inputs); Relays (outputs);

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Supported Protocols: ONVIF, RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Thermal Network Hybrid Bullet Camera	DH-TPC-BF2221-T	supported by specification
Thermal Network Hybrid Bullet Camera	DH-TPC-BF3221-T	supported by specification
Thermal Bullet Camera	DH-TPC-BF5300	supported by specification
Thermal Bullet Camera	DH-TPC-BF5300-T	supported by specification
Thermal Network Bullet Camera	DH-TPC-BF5401	supported by specification
Thermal Network Bullet Camera	DH-TPC-BF5401-T	supported by specification
Thermal Network Bullet Camera	DH-TPC-BF5421-T	supported by specification
Thermal Bullet Camera	DH-TPC-BF5600	supported by specification
Thermal Bullet Camera	DH-TPC-BF5600-T	supported by specification
Thermal Network Bullet Camera	DH-TPC-BF5601	supported by specification
Thermal Network Bullet Camera	DH-TPC-BF5601-T	supported by specification
Thermal Hybrid Bullet Camera	DH-TPC-BF8320	supported by specification
Thermal Hybrid Bullet Camera	DH-TPC-BF8320-T	supported by specification
Thermal Network Hybrid Bullet Camera	DH-TPC-BF8421	supported by specification
Thermal Hybrid Bullet Camera	DH-TPC-BF8620	supported by specification
Thermal Hybrid Bullet Camera	DH-TPC-BF8620-T	supported by specification
Thermal Network Hybrid Bullet Camera	DH-TPC-BF8621	supported by specification
Lite-1 Series	DH-TPC-DF1241	supported by specification
Thermal Hybrid Position System	DH-TPC-PT8320	supported by specification
Thermal Hybrid Position System	DH-TPC-PT8320B	supported by specification
Thermal Hybrid Position System	DH-TPC-PT8320C	supported by specification
Thermal Hybrid Mobile System	DH-TPC-PT8320M	supported by specification
Thermal Hybrid Mobile System	DH-TPC-PT8320M-T	supported by specification
Thermal Hybrid Position System	DH-TPC-PT8320-T	supported by specification
Thermal Hybrid Speed Dome Camera	DH-TPC-PT8420A	supported by specification
Thermal Hybrid Speed Dome Camera	DH-TPC-PT8421A	supported by specification
Thermal Hybrid Speed Dome Camera	DH-TPC-PT8421B	supported by specification
Thermal Hybrid Speed Dome Camera	DH-TPC-PT8421C	supported by specification
Thermal Hybrid Speed Dome Camera	DH-TPC-PT8620	supported by specification
Thermal Hybrid Speed Dome Camera	DH-TPC-PT8620A	supported by specification
Thermal Hybrid Speed Dome Camera	DH-TPC-PT8620A-TB	supported by specification
Thermal Hybrid Speed Dome Camera	DH-TPC-PT8620B	supported by specification
Thermal Hybrid Speed Dome Camera	DH-TPC-PT8620C	supported by specification
Thermal Hybrid Mobile System	DH-TPC-PT8620M	supported by specification
Thermal Hybrid Mobile System	DH-TPC-PT8620M-T	supported by specification
Thermal Hybrid Speed Dome Camera	DH-TPC-PT8620-T	supported by specification
Thermal Hybrid Speed Dome Camera	DH-TPC-PT8621A	supported by specification
Thermal Hybrid Speed Dome Camera	DH-TPC-PT8621B	supported by specification
Thermal Hybrid Speed Dome Camera	DH-TPC-PT8621C	supported by specification
Thermal Hybrid Speed Dome Camera	DH-TPC-PT9621B	supported by specification
Thermal Hybrid Speed Dome Camera	DH-TPC-PT9621C	supported by specification
Thermal Speed Dome Camera	DH-TPC-SD2221	supported by specification
Thermal Hybrid Speed Dome Camera	DH-TPC-SD2221-T	supported by specification
Thermal Speed Dome Camera	DH-TPC-SD5300	supported by specification
Thermal Hybrid Speed Dome Camera	DH-TPC-SD5300-T	supported by specification

Integration Protocol: CGI (native protocol)

- Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs;
- Audio:** All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711, AAC codecs;
- EdgeStorage:** EdgeStorage Sync; EdgeStorage Gate (ONVIF protocol only);
- Controls:** Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only), Recorded Tours (Call/Recording); Embedded Wiper; Embedded Light; Sensors (inputs); Relays (outputs);

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Supported Protocols: ONVIF, RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Thermal Speed Dome Camera	DH-TPC-SD5600	supported by specification
Thermal Hybrid Speed Dome Camera	DH-TPC-SD5600-T	supported by specification
Thermal Speed Dome Camera	DH-TPC-SD8320	supported by specification
Thermal Hybrid Speed Dome Camera	DH-TPC-SD8320-T	supported by specification
Thermal Speed Dome Camera	DH-TPC-SD8421	supported by specification
Thermal Hybrid Speed Dome Camera	DH-TPC-SD8421-T	supported by specification
Thermal Speed Dome Camera	DH-TPC-SD8620	supported by specification
Thermal Hybrid Speed Dome Camera	DH-TPC-SD8620-T	supported by specification
Thermal Speed Dome Camera	DH-TPC-SD8621	supported by specification
Thermal Hybrid Speed Dome Camera	DH-TPC-SD8621-T	supported by specification
Mini Poe Video Intercom	DH-VTO2211G-WP	supported by specification

Integration Protocol: ONVIF

Video: All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs; UDP/TCP protocols

Audio: All channels available in device; Microphone (audio-in); G.711, AAC codecs

EdgeStorage: EdgeStorage Sync and EdgeStorage Gate for h264 or h265 codecs for IPv4 only

Controls: Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only); Sensors (inputs); Relays (outputs)

Network: Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Protocols: RTSP (support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
APIX Bullet Series	Apix - 10ZBullet / S2	supported by specification
APIX SpeedDome Series	Apix - 12ZDome / E3 EXT	ver.2.0.0702.1002.67.1.119.1.6
APIX Zbox Series	Apix - 18ZBox / M2	supported by specification
APIX Zbox Series	Apix - 18ZBox / M2 SFP	supported by specification
APIX SpeedDome Series	Apix - 20ZDome / M2	supported by specification
APIX SpeedDome Series	Apix - 20ZDome / M2 EXT	supported by specification
APIX Bullet Series	Apix - 22ZBullet / S2 SFP	supported by specification
APIX SpeedDome Series	Apix - 22ZDome / E2 LED EX	supported by specification
APIX SpeedDome Series	Apix - 22ZDome / S2 LED SF	supported by specification
APIX Zbox Series	Apix - 30ZBox / M4	supported by specification
APIX SpeedDome Series	Apix - 30ZDome / E3 LED EX	supported by specification
APIX SpeedDome Series	Apix - 30ZDome / M2 EXT	supported by specification
APIX SpeedDome Series	Apix - 33ZDome / S2 LED	supported by specification
APIX Zbox Series	Apix - 3ZBox / M4	supported by specification
APIX Box Series	Apix - Box / 4K	supported by specification
APIX Box Series	Apix - Box / E4	supported by specification
APIX Box Series	Apix - Box / E8	supported by specification
APIX Box Series	Apix - Box / M12 SFP	supported by specification
APIX Box Series	Apix - Box / M2 II	supported by specification
APIX Box Series	Apix - Box / M2 SFP	supported by specification
APIX Box Series	Apix - Box / M2 WDR	supported by specification
APIX Box Series	Apix - Box / M3	supported by specification
APIX Box Series	Apix - Box / M3 SFP	supported by specification
APIX Box Series	Apix - Box / M4	supported by specification
APIX Box Series	Apix - Box / M5	supported by specification
APIX Box Series	Apix - Box / S2	supported by specification
APIX Box Series	Apix - Box / S2 SFP	supported by specification
APIX Box Series	Apix - Box / S2 SFP Expert	supported by specification
APIX Bullet Series	Apix - Bullet / E2	supported by specification
APIX Bullet Series	Apix - Bullet / E2 NT	supported by specification
APIX Bullet Series	Apix - Bullet / E4	supported by specification
APIX Bullet Series	Apix - Bullet / E4 AF	supported by specification
APIX Bullet Series	Apix - Bullet / M2	supported by specification
APIX Bullet Series	Apix - Bullet / M4 AF	supported by specification
APIX Compact Series	Apix - Compact / M1	supported by specification
APIX Compact Series	Apix - Compact / M2 WiFi	supported by specification
APIX Dome Series	Apix - Dome / 4K AF	supported by specification
APIX Dome Series	Apix - Dome / E2	supported by specification
APIX Dome Series	Apix - Dome / E2 WDR AF	supported by specification
APIX Dome Series	Apix - Dome / E5 LED	supported by specification
APIX Dome Series	Apix - Dome / M4 AF	supported by specification
APIX FishEye Series	Apix - FishEye / E6 EXT	supported by specification
APIX FishEye Series	Apix - FishEye / M12 EXT II	supported by specification

Integration Protocol: ONVIF

Video: All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs; UDP/TCP protocols

Audio: All channels available in device; Microphone (audio-in); G.711, AAC codecs

EdgeStorage: EdgeStorage Sync and EdgeStorage Gate for h264 or h265 codecs for IPv4 only

Controls: Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only); Sensors (inputs); Relays (outputs)

Network: Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Protocols: RTSP (support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
APIX Bullet Series	Apix - MiniBullet / M2	supported by specification
APIX Bullet Series	Apix - MiniBullet / M4	supported by specification
APIX Dome Series	Apix - MiniDome / E2	supported by specification
APIX Dome Series	Apix - MiniDome / E4	supported by specification
APIX Dome Series	Apix - MiniDome / M2	supported by specification
APIX Dome Series	Apix - MiniDome / M2 WDR	supported by specification
APIX Dome Series	Apix - VDome / E4 AF	supported by specification
APIX Dome Series	Apix - VDome / E8 EXT AF	supported by specification
APIX Dome Series	Apix - VDome / M3 LED EXT	supported by specification
APIX Dome Series	Apix - VDome / M4 EXT AF	supported by specification
APIX Dome Series	Apix - VDome / S2 WDR AF	supported by specification
APIX Compact Series	Apix - Compact / M2NH 21	supported by specification
APIX Compact Series	Apix - Compact / M2NH 28	supported by specification
APIX Compact Series	Apix - Compact / M2NH 37p	supported by specification
APIX Compact Series	Apix - Compact / M2 28 WiFi	supported by specification
APIX Box Series	Apix - Box / E4 II	supported by specification
APIX Box Series	Apix - Box / E12	supported by specification
APIX Box Series	Apix - 33ZBox / M3 II	supported by specification
APIX Box Series	Apix - 22ZBox / M8	supported by specification
APIX MiniDome Series	Apix - MiniDome / E2 21 II	supported by specification
APIX MiniDome Series	Apix - MiniDome / E2 28 II	supported by specification
APIX MiniDome Series	Apix - MiniDome / E4 21 II	supported by specification
APIX MiniDome Series	Apix - MiniDome / E4 28 II	supported by specification
APIX MiniDome Series	Apix - MiniDome / E2 21 III	supported by specification
APIX MiniDome Series	Apix - MiniDome / E2 28 III	supported by specification
APIX MiniDome Series	Apix - MiniDome / E4 21 III	supported by specification
APIX MiniDome Series	Apix - MiniDome / E4 28 III	supported by specification
APIX Dome Series	Apix - Dome / E2 2812	supported by specification
APIX Dome Series	Apix - Dome / E2 WDR 2712	supported by specification
APIX VDome Series	Apix - VDome / S2 WDR 2712	supported by specification
APIX VDome Series	Apix - VDome / E4 2712 AF	supported by specification
APIX VDome Series	Apix - VDome / E5 2713 AF	supported by specification
APIX VDome Series	Apix - VDome / E8 EXT 2812	supported by specification
APIX VDome Series	Apix - VDome / M2 LED EXT	supported by specification
APIX MiniBullet Series	Apix - MiniBullet / M2 40 II	supported by specification
APIX MiniBullet Series	Apix - MiniBullet / M2 28 II	supported by specification
APIX MiniBullet Series	Apix - MiniBullet / M2 28 III	supported by specification
APIX MiniBullet Series	Apix - MiniBullet / M2 40 III	supported by specification
APIX MiniBullet Series	Apix - MiniBullet / M4 28 II	supported by specification
APIX MiniBullet Series	Apix - MiniBullet / M4 28 III	supported by specification
APIX Bullet Series	Apix - Bullet / M2 2812 II	supported by specification
APIX Bullet Series	Apix - Bullet / M2 2714 II	supported by specification
APIX Bullet Series	Apix - Bullet / M4 2714 AF	supported by specification
APIX Bullet Series	Apix - Bullet / M4 2714 AF (II)	supported by specification

Integration Protocol: ONVIF

Video: All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs; UDP/TCP protocols

Audio: All channels available in device; Microphone (audio-in); G.711, AAC codecs

EdgeStorage: EdgeStorage Sync and EdgeStorage Gate for h264 or h265 codecs for IPv4 only

Controls: Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only); Sensors (inputs); Relays (outputs)

Network: Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Protocols: RTSP (support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
APIX Bullet Series	Apix - Bullet / E2 WDR 2712	supported by specification
APIX Bullet Series	Apix - Bullet / E5 2713 AF	supported by specification
APIX Bullet Series	Apix - Bullet / M8 3611 AF	supported by specification
APIX Bullet Series	Apix - Bullet / E2 3611 AF	supported by specification
APIX Bullet Series	Apix - 4ZBullet / S2 II	supported by specification
APIX Bullet Series	Apix - 4ZBullet / M4	supported by specification
APIX Bullet Series	Apix - 4ZBullet / M8 II	supported by specification
APIX Bullet Series	Apix - 10ZBullet / S2	supported by specification
APIX Bullet Series	Apix - 22ZBullet / S2 SFP	supported by specification
APIX Bullet Series	Apix - 22ZBullet / S2 SUP	supported by specification
APIX FishEye Series	Apix - FishEye / E12 EXT	supported by specification
APIX PTZ Series	Apix - 30ZDome / E3B	supported by specification
APIX PTZ Series	Apix - 5ZDome / M2	supported by specification
APIX PTZ Series	Apix - 5ZDome / M5 WiFi	supported by specification
APIX PTZ Series	Apix - 40ZDome / E5P	supported by specification
APIX PTZ Series	Apix - 22ZDome / M2 II	supported by specification
APIX PTZ Series	Apix - 12ZDome / E5 EXT	supported by specification
APIX PTZ Series	Apix - 22ZDome / M2 III	supported by specification
APIX PTZ Series	Apix - 20ZDome / M2	supported by specification
APIX PTZ Series	Apix - 22ZDome / S2 LED SF	supported by specification
APIX PTZ Series	Apix - 22ZDome / S2 LED SU	supported by specification
APIX PTZ Series	Apix - 33ZDome / S2 LED	supported by specification
APIX PTZ Series	Apix - 38ZDome / S2 LED SF	supported by specification
APIX PTZ Series	Apix - 22ZDome / M8	supported by specification
APIX PTZ Series	Apix - 33ZDome / S2 LR	supported by specification
APIX PTZ Series	Apix - 38ZDome / M4 Tracking	supported by specification
APIX Thermal Series	Apix - Thermal / Mini 256-2	supported by specification
APIX Tbox Series	Apix - Tbox / CIF 08	supported by specification
APIX Tbox Series	Apix - Tbox / CIF 15	supported by specification
APIX Tbox Series	Apix - Tbox / CIF 25	supported by specification
APIX Tbox Series	Apix - Tbox / CIF 25M	supported by specification
APIX Tbox Series	Apix - Tbox / CIF 35	supported by specification
APIX Tbox Series	Apix - Tbox / CIF 50	supported by specification
APIX Tbox Series	Apix - Tbox / CIF 50M	supported by specification
APIX Tbox Series	Apix - Tbox / CIF 75M	supported by specification
APIX Tbox Series	Apix - Tbox / CIF 100M	supported by specification
APIX Tbox Series	Apix - Tbox / VGA 08	supported by specification
APIX Tbox Series	Apix - Tbox / VGA 15	supported by specification
APIX Tbox Series	Apix - Tbox / VGA 25	supported by specification
APIX Tbox Series	Apix - Tbox / VGA 25M	supported by specification
APIX Tbox Series	Apix - Tbox / VGA 35	supported by specification
APIX Tbox Series	Apix - Tbox / VGA 50	supported by specification
APIX Tbox Series	Apix - Tbox / VGA 50M	supported by specification
APIX Tbox Series	Apix - Tbox / VGA 75M	supported by specification

Integration Protocol: ONVIF

Video: All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs; UDP/TCP protocols

Audio: All channels available in device; Microphone (audio-in); G.711, AAC codecs

EdgeStorage: EdgeStorage Sync and EdgeStorage Gate for h264 or h265 codecs for IPv4 only

Controls: Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only); Sensors (inputs); Relays (outputs)

Network: Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Protocols: RTSP (support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
APIX Tbox Series	Apix - Tbox / VGA 100M	supported by specification
APIX Thermal Series	Apix - Thermal / CIF 08 (rev. I	supported by specification
APIX Thermal Series	Apix - Thermal / CIF 15 (rev. I	supported by specification
APIX Thermal Series	Apix - Thermal / CIF 25 (rev. I	supported by specification
APIX Thermal Series	Apix - Thermal / CIF 35 (rev. I	supported by specification
APIX Thermal Series	Apix - Thermal / CIF 50 (rev. I	supported by specification
APIX Thermal Series	Apix - Thermal / VGA 8 (rev. I	supported by specification
APIX Thermal Series	Apix - Thermal / VGA 15 (rev.	supported by specification
APIX Thermal Series	Apix - Thermal / VGA 25 (rev.	supported by specification
APIX Thermal Series	Apix - Thermal / VGA 35 (rev.	supported by specification
APIX Thermal Series	Apix - Thermal / VGA 50 (rev.	supported by specification
APIX Thermal Series	Apix - Thermal / CIF PTZ 30x	supported by specification
APIX Thermal Series	Apix - Thermal / CIF PTZ 30x	supported by specification
APIX Thermal Series	Apix - Thermal / CIF PTZ 30x	supported by specification
APIX Thermal Series	Apix - Thermal / CIF PTZ 30x	supported by specification
APIX Thermal Series	Apix - Thermal / CIF PTZ 30x	supported by specification
APIX Thermal Series	Apix - Thermal / VGA PTZ 30	supported by specification
APIX Thermal Series	Apix - Thermal / VGA PTZ 30	supported by specification
APIX Thermal Series	Apix - Thermal / VGA PTZ 30	supported by specification
APIX Thermal Series	Apix - Thermal / VGA PTZ 30	supported by specification
APIX Thermal Series	Apix - Thermal / VGA PTZ 30	supported by specification
APIX Thermal Series	Apix - Thermal / VGA PTZ 30	supported by specification
APIX Thermal Series	Apix - Thermal / CIF PTZ 75M	supported by specification
APIX Thermal Series	Apix - Thermal / CIF PTZ 100	supported by specification
APIX Thermal Series	Apix - Thermal / CIF PTZ 30x	supported by specification
APIX Thermal Series	Apix - Thermal / CIF PTZ 30x	supported by specification
APIX Explosion-Protected Series	Apix - Box / E4 T08-VA2.2 36	supported by specification
APIX Explosion-Protected Series	Apix - 40Zdome / M2 T08-ExC	supported by specification
APIX Explosion-Protected Series	Apix - 40Zdome / M2 T08-22C	supported by specification
APIX Explosion-Protected Series	Apix - Thermal / CIF 1ExdIIB1	supported by specification

Integration Protocol: ONVIF

Video: All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs; UDP/TCP protocols

Audio: All channels available in device; Microphone (audio-in); G.711, AAC codecs

EdgeStorage: EdgeStorage Sync and EdgeStorage Gate for h264 or h265 codecs for IPv4 only

Controls: Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only); Sensors (inputs); Relays (outputs)

Network: Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Protocols: RTSP (support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
FLIR A-Series	A310F	supported by specification
FLIR A-Series	A310PT	supported by specification
FLIR Ariel Bullet Camera	CB-3102-01-I	supported by specification
FLIR Ariel Bullet Camera	CB-3102-11-I	supported by specification
FLIR Ariel Bullet Camera	CB-3304	supported by specification
FLIR Ariel Bullet Camera	CB-3308	supported by specification
FLIR ioi HD Bullet Camera	CB-5222-11	supported by specification
FLIR ioi HD Bullet Camera	CB-5222-21	supported by specification
FLIR ioi HD Bullet Camera	CB-5222-31	supported by specification
FLIR Quasar Bullet Camera	CB-6204-11-I	supported by specification
FLIR Quasar Bullet Camera	CB-6204-21-I	supported by specification
FLIR Quasar Bullet Camera	CB-6208-11-I	supported by specification
FLIR Quasar Bullet Camera	CB-6208-21-I	supported by specification
FLIR Ariel Corner Camera	CC-3103-01-I	supported by specification
FLIR Quasar Fixed Box Camera	CF-4221-00	supported by specification
FLIR Quasar Fixed Box Camera	CF-4251-00	supported by specification
FLIR ioi Box Camera	CF-5212	supported by specification
FLIR ioi Box Camera	CF-5222	supported by specification
FLIR Quasar Fixed Box Camera	CF-6308	supported by specification
FLIR Ariel Mini-Dome Camera	CM-3102-01-I	supported by specification
FLIR Ariel Mini-Dome Camera	CM-3102-11-I	supported by specification
FLIR Quad Mini-dome Camera	CM-3304	supported by specification
FLIR Ariel Mini-dome camera	CM-3308	supported by specification
FLIR Quasar Mini-Dome Camera	CM-6204-11-I	supported by specification
FLIR Quasar Mini-Dome Camera	CM-6204-21-I	supported by specification
FLIR Quasar Mini-Dome Camera	CM-6206-H1-I	supported by specification
FLIR Quasar Mini-Dome Camera	CM-6208-11-I	supported by specification
FLIR Quasar Mini-Dome Camera	CM-6208-21-I	supported by specification
FLIR Quasar Hemispheric Mini-dome Camera	CM-6212	supported by specification
FLIR Quasar Panoramic Mini-dome Camera	CM-6308-P1-I	supported by specification
FLIR Quasar PTZ Camera	CP-4221-300	supported by specification
FLIR Quasar PTZ Camera	CP-4221-301	supported by specification
FLIR Quasar PTZ Camera	CP-6302-30-R	supported by specification
FLIR Quasar IR PTZ Camera	CP-6302-31-I	supported by specification
FLIR Quasar PTZ Camera	CP-6302-31-P	supported by specification
FLIR D-Series	D-313	supported by specification
FLIR D-Series	D-324	supported by specification
FLIR D-Series	D-334	supported by specification
FLIR D-Series	D-348	supported by specification
FLIR D-Series	D-618	supported by specification
FLIR D-Series	D-625	supported by specification
FLIR D-Series	D-645	supported by specification
FLIR F-Series	F-112	supported by specification

Integration Protocol: ONVIF

Video: All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs; UDP/TCP protocols

Audio: All channels available in device; Microphone (audio-in); G.711, AAC codecs

EdgeStorage: EdgeStorage Sync and EdgeStorage Gate for h264 or h265 codecs for IPv4 only

Controls: Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only); Sensors (inputs); Relays (outputs)

Network: Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Protocols: RTSP (support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
FLIR F-Series	F-117	supported by specification
FLIR F-Series	F-124	supported by specification
FLIR F-Series	F-304	supported by specification
FLIR F-Series	F-307	supported by specification
FLIR F-Series	F-313	supported by specification
FLIR F-Series	F-324	supported by specification
FLIR F-Series	F-334	supported by specification
FLIR F-Series	F-348	tested by partner
FLIR F-Series	F-606	supported by specification
FLIR F-Series	F-610	supported by specification
FLIR F-Series	F-612	supported by specification
FLIR F-Series	F-618	supported by specification
FLIR F-Series	F-625	supported by specification
FLIR F-Series ID	F-644 ID	supported by specification
FLIR F-Series	F-645	supported by specification
FLIR FB-Series ID	FB-309 ID	supported by specification
FLIR FB-Series O	FB-312-O	supported by specification
FLIR FC-Series ID	FC-304 ID	supported by specification
FLIR FC-Series ID	FC-304-ID	supported by specification
FLIR FC-Series O	FC-304O	supported by specification
FLIR FC-Series ID	FC-305-ID	supported by specification
FLIR FC-Series S	FC-309	supported by specification
FLIR FC-Series ID	FC-309-ID	supported by specification
FLIR FC-Series S	FC-309S	supported by specification
FLIR FC-Series S	FC-313	supported by specification
FLIR FC-Series ID	FC-317-ID	supported by specification
FLIR FC-Series S	FC-324	supported by specification
FLIR FC-Series ID	FC-324-ID	supported by specification
FLIR FC-Series R	FC-324R	supported by specification
FLIR FC-Series ID	FC-332-ID	supported by specification
FLIR FC-Series S	FC-334	supported by specification
FLIR FC-Series R	FC-334R	supported by specification
FLIR FC-Series ID	FC-344-ID	supported by specification
FLIR FC-Series S	FC-348	supported by specification
FLIR FC-Series S	FC-363	supported by specification
FLIR FC-Series ID	FC-608-ID	supported by specification
FLIR FC-Series ID	FC-610-ID	supported by specification
FLIR FC-Series ID	FC-617-ID	supported by specification
FLIR FC-Series S	FC-618	supported by specification
FLIR FC-Series S	FC-632	supported by specification
FLIR FC-Series ID	FC-632-ID	supported by specification
FLIR FC-Series R	FC-632R	supported by specification
FLIR FC-Series ID	FC-644-ID	supported by specification
FLIR FC-Series S	FC-645	supported by specification

Integration Protocol: ONVIF

Video: All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs; UDP/TCP protocols

Audio: All channels available in device; Microphone (audio-in); G.711, AAC codecs

EdgeStorage: EdgeStorage Sync and EdgeStorage Gate for h264 or h265 codecs for IPv4 only

Controls: Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only); Sensors (inputs); Relays (outputs)

Network: Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Protocols: RTSP (support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
FLIR FC-Series R	FC-645R	supported by specification
FLIR FC-Series S	FC-669	supported by specification
FLIR FC-Series S	FC-690	supported by specification
FLIR PT-Series	PT-112	supported by specification
FLIR PT-Series	PT-117	supported by specification
FLIR PT-Series	PT-124	supported by specification
FLIR PT-Series	PT-304	supported by specification
FLIR PT-Series	PT-307	supported by specification
FLIR PT-Series	PT-313	supported by specification
FLIR PT-Series	PT-324	supported by specification
FLIR PT-Series	PT-334	supported by specification
FLIR PT-Series	PT-348	tested by partner
FLIR PT-Series	PT-348	supported by specification
FLIR PT-602CZ	PT-602CZ	supported by specification
FLIR PT-Series HD	PT-602CZ HD	supported by specification
FLIR PT-Series	PT-606	tested by partner
FLIR PT-Series HD	PT-606Z HD	supported by specification
FLIR PT-Series HD	PT-608 HD	supported by specification
FLIR PT-Series	PT-610	supported by specification
FLIR PT-Series	PT-612	supported by specification
FLIR PT-Series HD	PT-612 HD	supported by specification
FLIR PT-Series HD	PT-617 HD	supported by specification
FLIR PT-Series	PT-618	supported by specification
FLIR PT-Series	PT-625	supported by specification
FLIR PT-Series HD	PT-625 HD	supported by specification
FLIR PT-Series HD	PT-644 HD	supported by specification
FLIR PT-Series	PT-645	supported by specification
FLIR TCX Thermal Mini Bullet Camera	T4325BN	supported by specification
FLIR TCX Thermal Mini Bullet Camera	T4325BNP	supported by specification
FLIR TCX Thermal PTZ Camera	T4325ZS	supported by specification
FLIR TCX Thermal PTZ Camera	T4325ZSP	supported by specification
FLIR TCX Thermal PTZ Camera	T4332ZU	supported by specification
FLIR TCX Thermal PTZ Camera	T4332ZUP	supported by specification
FLIR TCX Thermal Mini Bullet Camera	T4350BN	supported by specification
FLIR TCX Thermal Mini Bullet Camera	T4350BNP	supported by specification
FLIR Quasar Mini-Dome Camera	CM-6408	supported by specification
FLIR Quasar Mini-Dome Camera	CM-6405	supported by specification
FLIR Quasar Bullet Camera	CB-6408-11-I	supported by specification
FLIR Quasar Bullet Camera	CB-6408-21-I	supported by specification
FLIR Quasar Bullet Camera	CB-6404-11-I	supported by specification
FLIR Quasar Bullet Camera	CB-6404-21-I	supported by specification
FLIR Ariel Bullet Camera	CB-3308-11-I	supported by specification
FLIR Ariel Bullet Camera	CB-3304-11-I	supported by specification
FLIR Ariel Bullet Camera	CB-3304-21-I	supported by specification

Integration Protocol: ONVIF

Video: All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs; UDP/TCP protocols

Audio: All channels available in device; Microphone (audio-in); G.711, AAC codecs

EdgeStorage: EdgeStorage Sync and EdgeStorage Gate for h264 or h265 codecs for IPv4 only

Controls: Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only); Sensors (inputs); Relays (outputs)

Network: Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Protocols: RTSP (support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
FLIR Ariel Mini-Dome Camera	CM-3308-11-I	supported by specification
FLIR Ariel Encoder	EN-216	supported by specification
FLIR Ariel Encoder	EN-204	supported by specification
FLIR FB-Series O	FB-393 O	supported by specification
FLIR FB-Series O	FB-349 O	supported by specification
FLIR FB-Series O	FB-324 O	supported by specification
FLIR FB-Series O	FB-309 O	supported by specification
FLIR FB-Series O	FB-695 O	supported by specification
FLIR FB-Series O	FB-650 O	supported by specification
FLIR FB-Series O	FB-632 O	supported by specification
FLIR FB-Series O	FB-618 O	supported by specification
FLIR FB-Series ID	FB-393 ID	supported by specification
FLIR FB-Series ID	FB-349 ID	supported by specification
FLIR FB-Series ID	FB-324 ID	supported by specification
FLIR FB-Series ID	FB-312 ID	supported by specification
FLIR FB-Series ID	FB-695 ID	supported by specification
FLIR FB-Series ID	FB-650 ID	supported by specification
FLIR FB-Series ID	FB-632 ID	supported by specification
FLIR FB-Series ID	FB-618 ID	supported by specification
FLIR FC-Series ID	FC-625 ID	supported by specification
FLIR FC-Series ID	FC-669 ID	supported by specification
FLIR FC-Series ID	FC-690 ID	supported by specification
FLIR FC-Series ID	FC-313 ID	supported by specification
FLIR FC-Series ID	FC-369 ID	supported by specification
FLIR FC-Series O	FC-305 O	supported by specification
FLIR FC-Series O	FC-309 O	supported by specification
FLIR FC-Series O	FC-313 O	supported by specification
FLIR FC-Series O	FC-317 O	supported by specification
FLIR FC-Series O	FC-324 O	supported by specification
FLIR FC-Series O	FC-332 O	supported by specification
FLIR FC-Series O	FC-344 O	supported by specification
FLIR FC-Series O	FC-396 O	supported by specification

Integration Protocol: ISAPI

- Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs;
- Audio:** All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711, MP2L2, AAC codecs;
- EdgeStorage:** EdgeStorage Sync; EdgeStorage Gate (ONVIF protocol only and IPC4);
- Controls:** Pan, Tilt, Zoom/Zoom in on the selected area; Presets (Add/Update/Remove, Home preset); Tour (Add/Update/Remove); Wiper; Illumination; Sensors (inputs); Relays (outputs);
- Network:** Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Hikvision Fixed Bullet Camera	DS-2CD1002D-I	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD1002-I	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD1202D-I3	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD1202-I3	supported by specification
Hikvision Fixed Dome Camera	DS-2CD1302D-I	supported by specification
Hikvision Fixed Dome Camera	DS-2CD1302-I	supported by specification
Hikvision Fixed Box Camera	DS-2CD1402FD-IW	supported by specification
Hikvision Fixed Mini-Bullet Camera	DS-2CD2010F-I	supported by specification
Hikvision Fixed Mini-Bullet Camera	DS-2CD2010F-IW	supported by specification
Hikvision Fixed Mini-Bullet Camera	DS-2CD2010-I	supported by specification
Hikvision Fixed Mini-Bullet Camera	DS-2CD2012F-I	supported by specification
Hikvision Fixed Mini-Bullet Camera	DS-2CD2012F-IW	supported by specification
Hikvision Fixed Mini-Bullet Camera	DS-2CD2012-I	supported by specification
Hikvision Fixed Mini-Bullet Camera	DS-2CD2014WD-I	supported by specification
Hikvision Fixed Mini-Bullet Camera	DS-2CD2020F-I	supported by specification
Hikvision Fixed Mini-Bullet Camera	DS-2CD2020F-IW	supported by specification
Hikvision Fixed Mini-Bullet Camera	DS-2CD2020-I	supported by specification
Hikvision Fixed Mini-Bullet Camera	DS-2CD2022F-I	supported by specification
Hikvision Fixed Mini-Bullet Camera	DS-2CD2022F-IW	supported by specification
Hikvision Fixed Mini-Bullet Camera	DS-2CD2022-I	supported by specification
Hikvision Fixed Mini-Bullet Camera	DS-2CD2022WD-I	supported by specification
Hikvision Bullet Camera	DS-2CD2023G0E-I	supported by specification
Hikvision Fixed Mini-Bullet Camera	DS-2CD2025FHD-I	supported by specification
Hikvision Fixed Mini-Bullet Camera	DS-2CD2025FWD-I	supported by specification
Hikvision Fixed Mini-Bullet Camera	DS-2CD2032F-I	supported by specification
Hikvision Fixed Mini-Bullet Camera	DS-2CD2032F-IW	supported by specification
Hikvision Fixed Mini-Bullet Camera	DS-2CD2032-I	supported by specification
Hikvision Fixed Mini-Bullet Camera	DS-2CD2035FWD-I	supported by specification
Hikvision Fixed Mini-Bullet Camera	DS-2CD2042WD-I	supported by specification
Hikvision Bullet Camera	DS-2CD2047G2-LU	supported by specification
Hikvision Fixed Mini-Bullet Camera	DS-2CD2055FWD-I	supported by specification
Hikvision Fixed Mini-Bullet Camera	DS-2CD2085FWD-I	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2110	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2110F-I	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2110F-IS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2110F-IW	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2110F-IWS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2110-I	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2112F-I	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2112F-IS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2112F-ISW	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2112F-IW	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2112F-IWS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2112-I	supported by specification

Integration Protocol: ISAPI

- Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs;
- Audio:** All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711, MP2L2, AAC codecs;
- EdgeStorage:** EdgeStorage Sync; EdgeStorage Gate (ONVIF protocol only and IPc4);
- Controls:** Pan, Tilt, Zoom/Zoom in on the selected area; Presets (Add/Update/Remove, Home preset); Tour (Add/Update/Remove); Wiper; Illumination; Sensors (inputs); Relays (outputs);
- Network:** Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Hikvision Fixed Dome Camera	DS-2CD2114WD-I	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2120	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2120F-I	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2120F-IS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2120F-IW	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2120F-IWS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2120-I	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2122F-I	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2122F-IS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2122F-ISW	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2122F-IW	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2122F-IWS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2122FWD-I	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2122FWD-IS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2122FWD-ISB	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2122FWD-IW	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2122FWD-IWS	supported by specification
Hikvision Dome Camera	DS-2CD2123G0E-I	supported by specification
Hikvision Dome Camera	DS-2CD2123G0-IU	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2125FHWD-IS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2125FWD-IS	supported by specification
Hikvision Dome Camera	DS-2CD2127G2-SU	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2132F-I	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2132F-IS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2132F-ISW	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2132F-IW	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2132F-IWS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2132-I	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2135FWD-IS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2142FWD-I	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2142FWD-IS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2142FWD-ISB	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2142FWD-IW	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2142FWD-IWS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2143G0-IS	supported by specification
Hikvision Dome Camera	DS-2CD2143G0-IU	supported by specification
Hikvision Dome Camera	DS-2CD2147G2-SU	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2152F-IS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2155FWD-IS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2185FWD-IS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2210-I5	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2212-I5	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2220-I5	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2232-I5	supported by specification
Hikvision Fixed Mini-Dome Camera	DS-2CD2310-I	supported by specification

Integration Protocol: ISAPI

- Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs;
- Audio:** All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711, MP2L2, AAC codecs;
- EdgeStorage:** EdgeStorage Sync; EdgeStorage Gate (ONVIF protocol only and IPC4);
- Controls:** Pan, Tilt, Zoom/Zoom in on the selected area; Presets (Add/Update/Remove, Home preset); Tour (Add/Update/Remove); Wiper; Illumination; Sensors (inputs); Relays (outputs);
- Network:** Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Hikvision Fixed Mini-Dome Camera	DS-2CD2312-I	supported by specification
Hikvision Fixed Mini-Dome Camera	DS-2CD2320-I	supported by specification
Hikvision Fixed Mini-Dome Camera	DS-2CD2322-I	supported by specification
Hikvision Fixed Mini-Dome Camera	DS-2CD2322WD-I	supported by specification
Hikvision Fixed Mini-Dome Camera	DS-2CD2325FHWI-I	supported by specification
Hikvision Fixed Mini-Dome Camera	DS-2CD2325FWD-I	supported by specification
Hikvision Fixed Mini-Dome Camera	DS-2CD2332-I	supported by specification
Hikvision Fixed Mini-Dome Camera	DS-2CD2335FWD-I	supported by specification
Hikvision Fixed Mini-Dome Camera	DS-2CD2342WD-I	supported by specification
Hikvision Dome Camera	DS-2CD2347G2-LU	supported by specification
Hikvision Fixed Mini-Dome Camera	DS-2CD2352-I	supported by specification
Hikvision Fixed Mini-Dome Camera	DS-2CD2355FWD-I	supported by specification
Hikvision Fixed Mini-Dome Camera	DS-2CD2385FWD-I	supported by specification
Hikvision Fixed Mini-Box Camera	DS-2CD2410F-I	supported by specification
Hikvision Fixed Mini-Box Camera	DS-2CD2410F-IW	supported by specification
Hikvision Fixed Mini-Box Camera	DS-2CD2412F-I	supported by specification
Hikvision Fixed Mini-Box Camera	DS-2CD2412F-IW	supported by specification
Hikvision Fixed Mini-Box Camera	DS-2CD2420F-I	supported by specification
Hikvision Fixed Mini-Box Camera	DS-2CD2420F-IW	supported by specification
Hikvision Fixed Mini-Box Camera	DS-2CD2422F-I	supported by specification
Hikvision Fixed Mini-Box Camera	DS-2CD2422F-IW	supported by specification
Hikvision Fixed Mini-Box Camera	DS-2CD2422FWD-IW	supported by specification
Hikvision Fixed Mini-Box Camera	DS-2CD2432F-I	supported by specification
Hikvision Fixed Mini-Box Camera	DS-2CD2432F-IW	tested with FW 5.1.2
Hikvision Fixed Mini-Box Camera	DS-2CD2442FWD-IW	supported by specification
Hikvision Fixed Mini-Dome Camera	DS-2CD2510F	supported by specification
Hikvision Fixed Mini-Dome Camera	DS-2CD2510F (2mm)	supported by specification
Hikvision Fixed Mini-Dome Camera	DS-2CD2512F-I	supported by specification
Hikvision Fixed Mini-Dome Camera	DS-2CD2512F-IS	supported by specification
Hikvision Fixed Mini-Dome Camera	DS-2CD2512F-IWS	supported by specification
Hikvision Fixed Mini-Dome Camera	DS-2CD2520F	supported by specification
Hikvision Fixed Mini-Dome Camera	DS-2CD2520F (2mm)	supported by specification
Hikvision Fixed Mini-Dome Camera	DS-2CD2522F-I	supported by specification
Hikvision Fixed Mini-Dome Camera	DS-2CD2522F-IS	supported by specification
Hikvision Fixed Mini-Dome Camera	DS-2CD2522FWD-I	supported by specification
Hikvision Fixed Mini-Dome Camera	DS-2CD2522FWD-IS	supported by specification
Hikvision Fixed Mini-Dome Camera	DS-2CD2522FWD-ISB	supported by specification
Hikvision Fixed Mini-Dome Camera	DS-2CD2522FWD-IW	supported by specification
Hikvision Fixed Mini-Dome Camera	DS-2CD2522FWD-IWS	supported by specification
Hikvision Fixed Mini-Dome Camera	DS-2CD2532F-I	supported by specification
Hikvision Fixed Mini-Dome Camera	DS-2CD2532F-IS	supported by specification
Hikvision Fixed Mini-Dome Camera	DS-2CD2542FWD-I	supported by specification
Hikvision Fixed Mini-Dome Camera	DS-2CD2542FWD-IS	supported by specification
Hikvision Fixed Mini-Dome Camera	DS-2CD2542FWD-ISB	supported by specification
Hikvision Fixed Mini-Dome Camera	DS-2CD2542FWD-IW	supported by specification

Integration Protocol: ISAPI

- Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs;
- Audio:** All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711, MP2L2, AAC codecs;
- EdgeStorage:** EdgeStorage Sync; EdgeStorage Gate (ONVIF protocol only and IPc4);
- Controls:** Pan, Tilt, Zoom/Zoom in on the selected area; Presets (Add/Update/Remove, Home preset); Tour (Add/Update/Remove); Wiper; Illumination; Sensors (inputs); Relays (outputs);
- Network:** Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Hikvision Fixed Mini-Dome Camera	DS-2CD2542FWD-IWS	supported by specification
Hikvision Fixed Mini-Dome Camera	DS-2CD2552F-IS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2610F-I	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2610F-IS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2612F-I	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2612F-IS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2620F-I	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2620F-IS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2622F-I	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2622F-IS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2622FWD-I	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2622FWD-IS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2622FWD-ISZ	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2622FWD-IZ	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2622FWD-IZS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2623G0-ISZ	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2632F-I	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2632F-IS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2642FWD-I	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2642FWD-IS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2642FWD-ISZ	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2642FWD-IZ	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2642FWD-IZS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD264G0-ISZ	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2710F-I	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2710F-IS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2712F-I	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2712F-IS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2720F-I	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2720F-IS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2722F-I	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2722F-IS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2722FWD-I	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2722FWD-IS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2722FWD-ISZ	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2722FWD-IZ	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2722FWD-IZS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2722FWD-IZSB	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2732F-I	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2732F-IS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2742FWD-I	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2742FWD-IS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2742FWD-ISZ	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2742FWD-IZ	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2742FWD-IZS	supported by specification

Integration Protocol: ISAPI

- Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs;
- Audio:** All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711, MP2L2, AAC codecs;
- EdgeStorage:** EdgeStorage Sync; EdgeStorage Gate (ONVIF protocol only and IPc4);
- Controls:** Pan, Tilt, Zoom/Zoom in on the selected area; Presets (Add/Update/Remove, Home preset); Tour (Add/Update/Remove); Wiper; Illumination; Sensors (inputs); Relays (outputs);
- Network:** Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Hikvision Fixed Dome Camera	DS-2CD2742FWD-IZSB	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2752F-IZS	supported by specification
Hikvision Fixed Box Camera	DS-2CD2810F	supported by specification
Hikvision Fixed Box Camera	DS-2CD2820F	supported by specification
Hikvision Fixed Box Camera	DS-2CD2822FB	supported by specification
Hikvision Mini Fisheye Camera	DS-2CD2935FWD-I	supported by specification
Hikvision Mini Fisheye Camera	DS-2CD2935FWD-IS	supported by specification
Hikvision Mini Fisheye Camera	DS-2CD2942F	supported by specification
Hikvision Mini Fisheye Camera	DS-2CD2942F-I	supported by specification
Hikvision Mini Fisheye Camera	DS-2CD2942F-IS	supported by specification
Hikvision Mini Fisheye Camera	DS-2CD2942F-IW	supported by specification
Hikvision Mini Fisheye Camera	DS-2CD2942F-IWS	supported by specification
Hikvision Mini Fisheye Camera	DS-2CD2955FWD-I	supported by specification
Hikvision Mini Fisheye Camera	DS-2CD2955FWD-IS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2A10F-I	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2A10F-IS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2A20F-I	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2A20F-IS	supported by specification
Hikvision Fixed Mini-Cube Camera	DS-2CD2C10F-I	supported by specification
Hikvision Fixed Mini-Cube Camera	DS-2CD2C10F-IW	supported by specification
Hikvision Fixed Mini-Box Camera	DS-2CD2D14WD	supported by specification
Hikvision Fixed Mini-Box Camera	DS-2CD2D14WD/M	supported by specification
Hikvision Recessed Mount Dome	DS-2CD2E10F	supported by specification
Hikvision Recessed Mount Dome	DS-2CD2E20F	supported by specification
Hikvision Dome Camera	DS-2CD2F12F-ISZ	supported by specification
Hikvision Dome Camera	DS-2CD2F12F-IWSZ	supported by specification
Hikvision Dome Camera	DS-2CD2F12F-IWZ	supported by specification
Hikvision Dome Camera	DS-2CD2F12F-IZ	supported by specification
Hikvision Mini PT Camera	DS-2CD2F22FWD-I	supported by specification
Hikvision Mini PT Camera	DS-2CD2F22FWD-IS	supported by specification
Hikvision Mini PT Camera	DS-2CD2F22FWD-IW	supported by specification
Hikvision Mini PT Camera	DS-2CD2F22FWD-IWS	supported by specification
Hikvision Mini PT Camera	DS-2CD2F42FWD-I	supported by specification
Hikvision Mini PT Camera	DS-2CD2F42FWD-IS	supported by specification
Hikvision Mini PT Camera	DS-2CD2F42FWD-IW	supported by specification
Hikvision Mini PT Camera	DS-2CD2F42FWD-IWS	supported by specification
Hikvision PT camera	DS-2CD2Q10FD-IW	supported by specification
Hikvision PT camera	DS-2CD2Q10F-I	supported by specification
Hikvision PT camera	DS-2CD2Q10F-IW	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2T10-I3	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2T10-I5	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2T10-I8	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2T12-I3	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2T12-I5	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2T12-I8	supported by specification

Integration Protocol: ISAPI

- Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs;
- Audio:** All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711, MP2L2, AAC codecs;
- EdgeStorage:** EdgeStorage Sync; EdgeStorage Gate (ONVIF protocol only and IPc4);
- Controls:** Pan, Tilt, Zoom/Zoom in on the selected area; Presets (Add/Update/Remove, Home preset); Tour (Add/Update/Remove); Wiper; Illumination; Sensors (inputs); Relays (outputs);
- Network:** Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Hikvision Fixed Bullet Camera	DS-2CD2T20-I3	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2T20-I5	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2T20-I8	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2T22-I3	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2T22-I5	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2T22-I8	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2T22WD-I3	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2T22WD-I5	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2T22WD-I8	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2T25FHD-I5	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2T25FHD-I8	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2T25FWD-I5	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2T25FWD-I8	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2T32-I3	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2T32-I5	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2T32-I8	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2T35FWD-I5	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2T35FWD-I8	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2T42WD-I3	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2T42WD-I5	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2T42WD-I8	supported by specification
Hikvision Bullet Camera	DS-2CD2T47G2-L	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2T52-I5	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2T55FWD-I5	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2T55FWD-I8	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2T85FWD-I5	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2T85FWD-I8	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD3025G0-I/B	supported by specification
Hikvision Bullet Camera	DS-2CD30x6G2-IS	supported by specification
Hikvision Bullet Camera	DS-2CD30x6G2-IU/SL	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD3125G0-IS	supported by specification
Hikvision Dome Camera	DS-2CD31x6G2-IS	supported by specification
Hikvision Bullet Camera	DS-2CD33x6G2-2IS/SL	supported by specification
Hikvision Dome Camera	DS-2CD-33x6G2-IS	supported by specification
Hikvision Dome Camera	DS-2CD33x6G2-ISU/SL	supported by specification
Hikvision Bullet Camera	DS-2CD36x6G2(T)-IZS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD3722FWBD-KM	supported by specification
Hikvision Dome Camera	DS-2CD37x6G2(T)-IZS	supported by specification
Hikvision Bullet Camera	DS-2CD3Tx6G2-4IS	supported by specification
Hikvision Fixed Box Camera	DS-2CD4010F	supported by specification
Hikvision Fixed Box Camera	DS-2CD4010FWD	supported by specification
Hikvision Fixed Box Camera	DS-2CD4012F	supported by specification
Hikvision Fixed Box Camera	DS-2CD4012F-A	supported by specification
Hikvision Fixed Box Camera	DS-2CD4012F-P	supported by specification
Hikvision Fixed Box Camera	DS-2CD4012F-W	supported by specification

Integration Protocol: ISAPI

- Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs;
- Audio:** All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711, MP2L2, AAC codecs;
- EdgeStorage:** EdgeStorage Sync; EdgeStorage Gate (ONVIF protocol only and IPc4);
- Controls:** Pan, Tilt, Zoom/Zoom in on the selected area; Presets (Add/Update/Remove, Home preset); Tour (Add/Update/Remove); Wiper; Illumination; Sensors (inputs); Relays (outputs);
- Network:** Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Hikvision Fixed Box Camera	DS-2CD4012FWD	supported by specification
Hikvision Fixed Box Camera	DS-2CD4012FWD-A	supported by specification
Hikvision Fixed Box Camera	DS-2CD4012FWD-AW	supported by specification
Hikvision Fixed Box Camera	DS-2CD4012FWD-P	supported by specification
Hikvision Fixed Box Camera	DS-2CD4020F	supported by specification
Hikvision Fixed Box Camera	DS-2CD4020FWD	supported by specification
Hikvision Fixed Box Camera	DS-2CD4024F	supported by specification
Hikvision Fixed Box Camera	DS-2CD4024F-A	supported by specification
Hikvision Fixed Box Camera	DS-2CD4024F-P	supported by specification
Hikvision Fixed Box Camera	DS-2CD4024F-W	supported by specification
Hikvision Fixed Box Camera	DS-2CD4024FWD	supported by specification
Hikvision Fixed Box Camera	DS-2CD4024FWD-A	supported by specification
Hikvision Fixed Box Camera	DS-2CD4024FWD-AP	supported by specification
Hikvision Fixed Box Camera	DS-2CD4024FWD-P	supported by specification
Hikvision Fixed Box Camera	DS-2CD4025FWD	supported by specification
Hikvision Fixed Box Camera	DS-2CD4025FWD-A	supported by specification
Hikvision Fixed Box Camera	DS-2CD4025FWD-AP	supported by specification
Hikvision Fixed Box Camera	DS-2CD4025FWD-P	supported by specification
Hikvision Fixed Box Camera	DS-2CD4026EFWD	supported by specification
Hikvision Fixed Box Camera	DS-2CD4026FWD	supported by specification
Hikvision Fixed Box Camera	DS-2CD4026FWD-A	supported by specification
Hikvision Fixed Box Camera	DS-2CD4026FWD-AP	supported by specification
Hikvision Fixed Box Camera	DS-2CD4026FWD-P	supported by specification
Hikvision Fixed Box Camera	DS-2CD4032FWD	supported by specification
Hikvision Fixed Box Camera	DS-2CD4032FWD-A	supported by specification
Hikvision Fixed Box Camera	DS-2CD4032FWD-P	supported by specification
Hikvision Fixed Box Camera	DS-2CD4032FWD-W	supported by specification
Hikvision Fixed Box Camera	DS-2CD4035F	supported by specification
Hikvision Fixed Box Camera	DS-2CD4035F-A	supported by specification
Hikvision Fixed Box Camera	DS-2CD4035F-AP	supported by specification
Hikvision Fixed Box Camera	DS-2CD4035F-P	supported by specification
Hikvision Fixed Box Camera	DS-2CD4035FWD	supported by specification
Hikvision Fixed Box Camera	DS-2CD4035FWD-A	supported by specification
Hikvision Fixed Box Camera	DS-2CD4035FWD-AP	supported by specification
Hikvision Fixed Box Camera	DS-2CD4035FWD-P	supported by specification
Hikvision Fixed Box Camera	DS-2CD4065F	supported by specification
Hikvision Fixed Box Camera	DS-2CD4065F-A	supported by specification
Hikvision Fixed Box Camera	DS-2CD4065F-AP	supported by specification
Hikvision Fixed Box Camera	DS-2CD4065F-P	supported by specification
Hikvision Fixed Box Camera	DS-2CD4085F	supported by specification
Hikvision Fixed Box Camera	DS-2CD4085F-A	supported by specification
Hikvision Fixed Box Camera	DS-2CD4085F-AP	supported by specification
Hikvision Fixed Box Camera	DS-2CD4085F-P	supported by specification
Hikvision Fixed Box Camera	DS-2CD40C5F	supported by specification
Hikvision Fixed Box Camera	DS-2CD40C5F-A	supported by specification

Integration Protocol: ISAPI

- Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs;
- Audio:** All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711, MP2L2, AAC codecs;
- EdgeStorage:** EdgeStorage Sync; EdgeStorage Gate (ONVIF protocol only and IPc4);
- Controls:** Pan, Tilt, Zoom/Zoom in on the selected area; Presets (Add/Update/Remove, Home preset); Tour (Add/Update/Remove); Wiper; Illumination; Sensors (inputs); Relays (outputs);
- Network:** Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Hikvision Fixed Box Camera	DS-2CD40C5F-AP	supported by specification
Hikvision Fixed Box Camera	DS-2CD40C5F-P	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4110F-IZ	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4110FWD-IZ	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4112FWD-I	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4112FWD-IZ	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4120F-IZ	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4120FWD-IZ	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4124F-I	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4124F-IZ	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4124FWD	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4124FWD-I	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4124FWD-IZ	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4124FWD-Z	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4125FWD	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4125FWD-I	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4125FWD-IZ	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4125FWD-Z	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4126FWD-IZ	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4126FWD-IZ	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4132FWD-I	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4132FWD-IZ	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4135F-I	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4135F-IZ	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4135FWD-IZ	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4165F-IZ	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4185F-IZ	supported by specification
Hikvision Fixed Dome Camera	DS-2CD41C5F-IZ	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4212F-I	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4212F-IS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4212F-IZ	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4212F-IZH	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4212F-IZHS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4212F-IZS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4212FWD-I	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4212FWD-IS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4212FWD-IZ	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4212FWD-IZH	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4212FWD-IZH8	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4212FWD-IZHS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4212FWD-IZS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4224F-I	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4224F-IS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4224F-IZ	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4224F-IZH	supported by specification

Integration Protocol: ISAPI

- Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs;
- Audio:** All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711, MP2L2, AAC codecs;
- EdgeStorage:** EdgeStorage Sync; EdgeStorage Gate (ONVIF protocol only and IPc4);
- Controls:** Pan, Tilt, Zoom/Zoom in on the selected area; Presets (Add/Update/Remove, Home preset); Tour (Add/Update/Remove); Wiper; Illumination; Sensors (inputs); Relays (outputs);
- Network:** Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Hikvision Fixed Bullet Camera	DS-2CD4224F-IZHS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4224F-IZS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4224FWD-I	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4224FWD-IS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4224FWD-IZ	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4224FWD-IZS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4232FWD-I	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4232FWD-IS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4232FWD-IZ	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4232FWD-IZH	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4232FWD-IZH8	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4232FWD-IZHS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4232FWD-IZS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4312F-I	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4312F-IS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4312F-IZ	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4312F-IZH	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4312F-IZHS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4312F-IZS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4312FWD-I	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4312FWD-IHS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4312FWD-IS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4312FWD-IZ	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4312FWD-IZH	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4312FWD-IZHS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4312FWD-IZHS8	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4312FWD-IZS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4324F-I	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4324F-IS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4324F-IZ	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4324F-IZH	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4324F-IZHS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4324F-IZS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4324FWD-HIS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4324FWD-I	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4324FWD-IH	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4324FWD-IS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4324FWD-IZ	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4324FWD-IZH	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4324FWD-IZHS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4324FWD-IZHS8	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4324FWD-IZS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4332FWD-I	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4332FWD-IS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4332FWD-IZ	supported by specification

Integration Protocol: ISAPI

- Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs;
- Audio:** All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711, MP2L2, AAC codecs;
- EdgeStorage:** EdgeStorage Sync; EdgeStorage Gate (ONVIF protocol only and IPc4);
- Controls:** Pan, Tilt, Zoom/Zoom in on the selected area; Presets (Add/Update/Remove, Home preset); Tour (Add/Update/Remove); Wiper; Illumination; Sensors (inputs); Relays (outputs);
- Network:** Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Hikvision Fixed Dome Camera	DS-2CD4332FWD-IZH	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4332FWD-IZHS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4332FWD-IZHS8	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4332FWD-IZS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4524FWD-I	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4524FWD-IH	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4524FWD-IM	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4524FWD-IZ	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4524FWD-IZH	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4524FWD-IZM	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4525FWD-IZ	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4525FWD-IZH	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4525FWD-IZHS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4525FWD-IZS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4526FWD-IZ	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4526FWD-IZH	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4528FYU-IZH	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4535F-IZ	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4535F-IZH	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4535F-IZHS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4535F-IZS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4535FWD-IZ	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4535FWD-IZH	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4535FWD-IZH8	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4565F-IZ	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4565F-IZH	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4585F-IZ	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4585F-IZH	supported by specification
Hikvision Fixed Dome Camera	DS-2CD45C5F-IZ	supported by specification
Hikvision Fixed Dome Camera	DS-2CD45C5F-IZH	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4612FWD-IZ	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4612FWD-IZH	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4612FWD-IZHS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4612FWD-IZS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4624FWD-IZ	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4624FWD-IZH	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4624FWD-IZHS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4624FWD-IZS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4625FWD-IZ	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4625FWD-IZH	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4625FWD-IZHS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4625FWD-IZHS (8mm)	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4625FWD-IZS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4626FWD-IZ	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4626FWD-IZH	supported by specification

Integration Protocol: ISAPI

- Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs;
- Audio:** All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711, MP2L2, AAC codecs;
- EdgeStorage:** EdgeStorage Sync; EdgeStorage Gate (ONVIF protocol only and IPc4);
- Controls:** Pan, Tilt, Zoom/Zoom in on the selected area; Presets (Add/Update/Remove, Home preset); Tour (Add/Update/Remove); Wiper; Illumination; Sensors (inputs); Relays (outputs);
- Network:** Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Hikvision Fixed Bullet Camera	DS-2CD4626FWD-IZHS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4626FWD-IZS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4635F-IZ	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4635F-IZH	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4635F-IZHS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4635F-IZS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4635FWD-IZ	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4635FWD-IZH	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4635FWD-IZHS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4635FWD-IZS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4665F-IZ	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4665F-IZH	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4665F-IZHS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4665F-IZS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4685F-IZ	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4685F-IZH	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4685F-IZHS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4685F-IZS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD46C5F-IZ	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD46C5F-IZH	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD46C5F-IZHS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD46C5F-IZS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A10F-IZ	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A10F-IZH	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A10F-IZHS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A10F-IZS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A10FWD-IZ	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A10FWD-IZH	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A10FWD-IZHS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A10FWD-IZS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A20F-IZ	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A20F-IZH	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A20F-IZHS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A20F-IZS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A20FWD-IZ	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A20FWD-IZH	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A20FWD-IZHS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A20FWD-IZS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A24FWD-IZH	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A24FWD-IZHS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A24FWD-IZS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A25F-IZ	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A25F-IZH	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A25F-IZHS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A25F-IZS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A25FWD-IZ	supported by specification

Integration Protocol: ISAPI

- Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs;
- Audio:** All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711, MP2L2, AAC codecs;
- EdgeStorage:** EdgeStorage Sync; EdgeStorage Gate (ONVIF protocol only and IPC4);
- Controls:** Pan, Tilt, Zoom/Zoom in on the selected area; Presets (Add/Update/Remove, Home preset); Tour (Add/Update/Remove); Wiper; Illumination; Sensors (inputs); Relays (outputs);
- Network:** Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Hikvision Fixed Bullet Camera	DS-2CD4A25FWD-IZH(8)	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A25FWD-IZHS (2mm)	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A25FWD-IZHS (8mm)	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A25FWD-IZS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A26FWD-IZ	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A26FWD-IZH	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A26FWD-IZHS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A26FWD-IZS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A26FWD-IZ	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A26FWD-IZH	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A26FWD-IZHS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A26FWD-IZHS (2mm)	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A26FWD-IZHS (8mm)	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A26FWD-IZS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A28FYU-IZHS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A35F-IZ	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A35F-IZH	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A35F-IZHS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A35F-IZHS (2mm)	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A35F-IZHS (8mm)	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A35F-IZS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A35FWD-IZ	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A35FWD-IZH	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A35FWD-IZS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A65F-IZ	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A65F-IZH	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A65F-IZHS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A65F-IZS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A85F-IZ	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A85F-IZH	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A85F-IZHS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A85F-IZS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4AC5F-IZ	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4AC5F-IZH	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4AC5F-IZHS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4AC5F-IZS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4B16FWD-IZS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4B26FWD-IZS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4B36FWD-IZS	supported by specification
Hikvision Fixed Box Camera	DS-2CD4C26FWD-AP	supported by specification
Hikvision Fixed Box Camera	DS-2CD4C36FWD-AP	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4D16FWD-IZS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4D26FWD-IZS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4D36FWD-IZS	supported by specification
Hikvision Fixed Box Camera	DS-2CD5026FQWD-HR	supported by specification

Integration Protocol: ISAPI

- Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs;
- Audio:** All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711, MP2L2, AAC codecs;
- EdgeStorage:** EdgeStorage Sync; EdgeStorage Gate (ONVIF protocol only and IPc4);
- Controls:** Pan, Tilt, Zoom/Zoom in on the selected area; Presets (Add/Update/Remove, Home preset); Tour (Add/Update/Remove); Wiper; Illumination; Sensors (inputs); Relays (outputs);
- Network:** Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Hikvision Fixed Box Camera	DS-2CD5026G0	supported by specification
Hikvision Fixed Box Camera	DS-2CD5026G0/E-HI	supported by specification
Hikvision Fixed Box Camera	DS-2CD5026G0-AP	supported by specification
Hikvision Fixed Box Camera	DS-2CD5028G0/E-HI	supported by specification
Hikvision Fixed Box Camera	DS-2CD5046G0	supported by specification
Hikvision Fixed Box Camera	DS-2CD5046G0-AP	supported by specification
Hikvision Fixed Box Camera	DS-2CD5065G0	supported by specification
Hikvision Fixed Box Camera	DS-2CD5065G0-AP	supported by specification
Hikvision Fixed Box Camera	DS-2CD5085G0	supported by specification
Hikvision Fixed Box Camera	DS-2CD5085G0-AP	supported by specification
Hikvision Fixed Box Camera	DS-2CD50C5G0	supported by specification
Hikvision Fixed Box Camera	DS-2CD50C5G0-AP	supported by specification
HIKvision Fixed Indor Dome Camera	DS-2CD5126G0-IZS	supported by specification
HIKvision Fixed Indor Dome Camera	DS-2CD5146G0-IZS	supported by specification
HIKvision Fixed Indor Dome Camera	DS-2CD5165G0-IZS	supported by specification
HIKvision Fixed Indor Dome Camera	DS-2CD5185G0-IZS	supported by specification
HIKvision Fixed Indor Dome Camera	DS-2CD51C5G0-IZS	supported by specification
HIKvision Fixed Outdoor Dome Camera	DS-2CD5526G0-IHS	supported by specification
Hikvision Fixed Box Camera	DS-2CD5526G0-IHSY	supported by specification
HIKvision Fixed Outdoor Dome Camera	DS-2CD5526G0-IZS	supported by specification
Hikvision Fixed Box Camera	DS-2CD5526G0-IZSY	supported by specification
HIKvision Fixed Outdoor Dome Camera	DS-2CD5546G0-IHS	supported by specification
Hikvision Fixed Box Camera	DS-2CD5546G0-IHSY	supported by specification
HIKvision Fixed Outdoor Dome Camera	DS-2CD5546G0-IZS	supported by specification
Hikvision Fixed Box Camera	DS-2CD5546G0-IZSY	supported by specification
HIKvision Fixed Outdoor Dome Camera	DS-2CD5565G0-IHS	supported by specification
HIKvision Fixed Outdoor Dome Camera	DS-2CD5565G0-IZS	supported by specification
HIKvision Fixed Outdoor Dome Camera	DS-2CD5585G0-IHS	supported by specification
HIKvision Fixed Outdoor Dome Camera	DS-2CD5585G0-IZS	supported by specification
HIKvision Fixed Outdoor Dome Camera	DS-2CD55C5G0-IHS	supported by specification
HIKvision Fixed Outdoor Dome Camera	DS-2CD55C5G0-IZS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD5A26FWBD-KM	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD5A26G0-IHS	supported by specification
Hikvision Fixed Box Camera	DS-2CD5A26G0-IHSY	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD5A26G0-IZS	supported by specification
Hikvision Fixed Box Camera	DS-2CD5A26G0-IZSY	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD5A35FWBD-KM	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD5A46G0-IHS	supported by specification
Hikvision Fixed Box Camera	DS-2CD5A46G0-IHSY	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD5A46G0-IZS	supported by specification
Hikvision Fixed Box Camera	DS-2CD5A46G0-IZSY	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD5A65G0-IHS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD5A65G0-IZS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD5A85G0-IHS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD5A85G0-IZS	supported by specification

Integration Protocol: ISAPI

- Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs;
- Audio:** All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711, MP2L2, AAC codecs;
- EdgeStorage:** EdgeStorage Sync; EdgeStorage Gate (ONVIF protocol only and IPc4);
- Controls:** Pan, Tilt, Zoom/Zoom in on the selected area; Presets (Add/Update/Remove, Home preset); Tour (Add/Update/Remove); Wiper; Illumination; Sensors (inputs); Relays (outputs);
- Network:** Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Hikvision Fixed Bullet Camera	DS-2CD5AC5G0-IHS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD5AC5G0-IZS	supported by specification
Hikvision Fixed Box Camera	DS-2CD6026FHW	supported by specification
Hikvision Fixed Box Camera	DS-2CD6026FHW-A	supported by specification
Hikvision Fixed Box Camera	DS-2CD6026FHW-A11	supported by specification
Hikvision Fixed Box Camera	DS-2CD6026FHW-A3	supported by specification
Hikvision Fixed Box Camera	DS-2CD6026FHW-A7	supported by specification
Hikvision Fixed Box Camera	DS-2CD6026FHW-AP	supported by specification
Hikvision Fixed Box Camera	DS-2CD6026FHW-P	supported by specification
Hikvision Fixed Box Camera	DS-2CD6213F	supported by specification
Hikvision Fixed Box Camera	DS-2CD6223F	supported by specification
Hikvision Fixed Box Camera	DS-2CD6223FH	supported by specification
Hikvision Fixed Box Camera	DS-2CD6226FWD-IZ	supported by specification
Hikvision Fixed Box Camera	DS-2CD6226FWD-IZH	supported by specification
Hikvision Fixed Box Camera	DS-2CD6226FWD-IZHS	supported by specification
Hikvision Fixed Box Camera	DS-2CD6226FWD-IZS	supported by specification
Hikvision Fixed Box Camera	DS-2CD6233F	supported by specification
Hikvision Fisheye Camera	DS-2CD6332FWD-I	supported by specification
Hikvision Fisheye Camera	DS-2CD6332FWD-IS	supported by specification
Hikvision Fisheye Camera	DS-2CD6332FWD-IV	supported by specification
Hikvision Fisheye Camera	DS-2CD6332FWD-IVS	supported by specification
Hikvision Fisheye Camera	DS-2CD6362F-I	supported by specification
Hikvision Fisheye Camera	DS-2CD6362F-IS	supported by specification
Hikvision Fisheye Camera	DS-2CD6362F-IV	supported by specification
Hikvision Fisheye Camera	DS-2CD6362F-IVS	supported by specification
Hikvision Fisheye Camera	DS-2CD6365G0E-IS	supported by specification
Hikvision Fisheye Camera	DS-2CD6365G0E-IVS	supported by specification
Hikvision Fisheye Camera	DS-2CD6365G0E-S/R	supported by specification
Hikvision Fisheye Camera	DS-2CD63C2F-I	supported by specification
Hikvision Fisheye Camera	DS-2CD63C2F-IS	supported by specification
Hikvision Fisheye Camera	DS-2CD63C2F-IV	supported by specification
Hikvision Fisheye Camera	DS-2CD63C2F-IVS	supported by specification
Hikvision Fisheye Camera	DS-2CD63C2F-IW	supported by specification
Hikvision Fisheye Camera	DS-2CD63C2F-IWS	supported by specification
Hikvision Fisheye Camera	DS-2CD63C5G0E-IS	supported by specification
Hikvision Fisheye Camera	DS-2CD63C5G0E-IVS	supported by specification
Hikvision Fisheye Camera	DS-2CD63C5G0E-S/RC	supported by specification
Hikvision Fixed Covert Camera	DS-2CD6412FWD	supported by specification
Hikvision Fixed Covert Camera	DS-2CD6412FWD-10	supported by specification
Hikvision Fixed Covert Camera	DS-2CD6412FWD-20	supported by specification
Hikvision Fixed Covert Camera	DS-2CD6412FWD-30	supported by specification
Hikvision Fixed Covert Camera	DS-2CD6424FWD	supported by specification
Hikvision Fixed Covert Camera	DS-2CD6424FWD-20/E	supported by specification
Hikvision Fixed Covert Camera	DS-2CD6426F-50	supported by specification
Hikvision Mobile Camera	DS-2CD6510D-I	supported by specification

Integration Protocol: ISAPI

- Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs;
- Audio:** All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711, MP2L2, AAC codecs;
- EdgeStorage:** EdgeStorage Sync; EdgeStorage Gate (ONVIF protocol only and IPC4);
- Controls:** Pan, Tilt, Zoom/Zoom in on the selected area; Presets (Add/Update/Remove, Home preset); Tour (Add/Update/Remove); Wiper; Illumination; Sensors (inputs); Relays (outputs);
- Network:** Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Hikvision Mobile Camera	DS-2CD6510D-IO	supported by specification
Hikvision Mobile Camera	DS-2CD6510DT-I	supported by specification
Hikvision Mobile Camera	DS-2CD6510DT-IO	supported by specification
Hikvision Mobile Camera	DS-2CD6510-I	supported by specification
Hikvision Mobile Camera	DS-2CD6510-IO	supported by specification
Hikvision Anti-Corrosion Camera	DS-2CD6512DT-I	supported by specification
Hikvision Anti-Corrosion Camera	DS-2CD6512-I	supported by specification
Hikvision Mobile Camera	DS-2CD6520D-I	supported by specification
Hikvision Mobile Camera	DS-2CD6520D-IO	supported by specification
Hikvision Mobile Camera	DS-2CD6520DT-I	supported by specification
Hikvision Mobile Camera	DS-2CD6520DT-IO	supported by specification
Hikvision Mobile Camera	DS-2CD6520ET-I	supported by specification
Hikvision Mobile Camera	DS-2CD6520ET-IO	supported by specification
Hikvision Mobile Camera	DS-2CD6520-I	supported by specification
Hikvision Mobile Camera	DS-2CD6520-IO	supported by specification
Hikvision Anti-Corrosion Camera	DS-2CD6522DT-I	supported by specification
Hikvision Anti-Corrosion Camera	DS-2CD6522-I	supported by specification
Hikvision Fisheye Camera	DS-2CD6562PT	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD6626B/E-HIR5	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD6626B/E-HIRA	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD6626B-IZHS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD6626BS-R	supported by specification
Hikvision Fixed Dome Camera	DS-2CD6626DS-IZHS	supported by specification
Hikvision Anti-Corrosion Camera	DS-2CD6652B-IZHS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD6986F-H	supported by specification
Hikvision Fixed Angle Camera	DS-2CD6W32FWD-IVS	supported by specification
Hikvision Fixed Box Camera	DS-2CD7026G0	supported by specification
Hikvision Fixed Box Camera	DS-2CD7026G0/EP-I	supported by specification
Hikvision Fixed Box Camera	DS-2CD7026G0/EP-IH	supported by specification
Hikvision Fixed Box Camera	DS-2CD7026G0/P	supported by specification
Hikvision Fixed Box Camera	DS-2CD7026G0/P-AP	supported by specification
Hikvision Fixed Box Camera	DS-2CD7026G0-AP	supported by specification
Hikvision Fixed Dome Camera	DS-2CD702NF-E	supported by specification
Hikvision Fixed Dome Camera	DS-2CD702PF-E	supported by specification
Hikvision Fixed Box Camera	DS-2CD7046G0	supported by specification
Hikvision Fixed Box Camera	DS-2CD7046G0-AP	supported by specification
Hikvision Smart Camera	DS-2CD7065G0	supported by specification
Hikvision Fixed Box Camera	DS-2CD7085G0	supported by specification
Hikvision Fixed Box Camera	DS-2CD7085G0-AP	supported by specification
Hikvision Fixed Dome Camera	DS-2CD7126G0/L-IZS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD7126G0-IZS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD712NF-E	supported by specification
Hikvision Fixed Dome Camera	DS-2CD712PF-E	supported by specification
Hikvision Fixed Mini-Dome Camera	DS-2CD7133-E	tested by partner
Hikvision Fixed Dome Camera	DS-2CD7146G0-IZS	supported by specification

Integration Protocol: ISAPI

- Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs;
- Audio:** All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711, MP2L2, AAC codecs;
- EdgeStorage:** EdgeStorage Sync; EdgeStorage Gate (ONVIF protocol only and IPc4);
- Controls:** Pan, Tilt, Zoom/Zoom in on the selected area; Presets (Add/Update/Remove, Home preset); Tour (Add/Update/Remove); Wiper; Illumination; Sensors (inputs); Relays (outputs);
- Network:** Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
HIKvision Fixed Mini-Dome Camera	DS-2CD7153-E	supported by specification
HIKvision Fixed Mini-Dome Camera	DS-2CD7164-E	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7165G0-IZS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7185G0-IZS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7233F-EIZ	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7233F-EIZH	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7233F-EIZHS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7233F-EIZS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7233F-EZ	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7233F-EZH	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7233F-EZHS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7233F-EZS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7253F-EIZ	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7253F-EIZH	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7253F-EIZHS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7253F-EIZS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7253F-EZ	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7253F-EZH	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7253F-EZHS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7253F-EZS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7254F-EIZ	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7254F-EIZH	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7254F-EIZHS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7254F-EIZS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7254F-EZ	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7254F-EZH	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7254F-EZHS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7254F-EZS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7255F-EIZ	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7255F-EIZH	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7255F-EIZHS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7255F-EIZS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7255F-EZ	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7255F-EZH	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7255F-EZHS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7255F-EZS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7263NF-EIZ	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7263NF-EIZH	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7263NF-EIZHS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7263NF-EIZS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7263NF-EZ	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7263NF-EZH	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7263NF-EZHS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7263NF-EZS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7263PF-EIZ	supported by specification

Integration Protocol: ISAPI

- Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs;
- Audio:** All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711, MP2L2, AAC codecs;
- EdgeStorage:** EdgeStorage Sync; EdgeStorage Gate (ONVIF protocol only and IPC4);
- Controls:** Pan, Tilt, Zoom/Zoom in on the selected area; Presets (Add/Update/Remove, Home preset); Tour (Add/Update/Remove); Wiper; Illumination; Sensors (inputs); Relays (outputs);
- Network:** Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
HIKvision Fixed Dome Camera	DS-2CD7263PF-EIZH	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7263PF-EIZHS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7263PF-EIZS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7263PF-EZ	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7263PF-EZH	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7263PF-EZHS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7263PF-EZS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7264FWD-EIZ	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7264FWD-EIZH	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7264FWD-EIZHS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7264FWD-EIZS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7264FWD-EZ	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7264FWD-EZH	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7264FWD-EZHS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7264FWD-EZS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7283F-EIZ	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7283F-EIZH	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7283F-EIZHS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7283F-EIZS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7283F-EZ	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7283F-EZH	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7283F-EZHS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7283F-EZS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7293NF-EIZ	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7293NF-EIZH	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7293NF-EIZHS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7293NF-EIZS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7293NF-EZ	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7293NF-EZH	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7293NF-EZHS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7293NF-EZS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7293NFW-EIZ	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7293NFW-EIZH	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7293NFW-EIZHS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7293NFW-EIZS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7293NFW-EZ	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7293NFW-EZH	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7293NFW-EZHS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7293NFW-EZS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7293PFW-EIZ	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7293PFW-EIZH	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7293PFW-EIZHS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7293PFW-EIZS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7293PFW-EZ	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7293PFW-EZH	supported by specification

Integration Protocol: ISAPI

- Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs;
- Audio:** All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711, MP2L2, AAC codecs;
- EdgeStorage:** EdgeStorage Sync; EdgeStorage Gate (ONVIF protocol only and IPc4);
- Controls:** Pan, Tilt, Zoom/Zoom in on the selected area; Presets (Add/Update/Remove, Home preset); Tour (Add/Update/Remove); Wiper; Illumination; Sensors (inputs); Relays (outputs);
- Network:** Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
HIKvision Fixed Dome Camera	DS-2CD7293PFWD-EZHS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7293PFWD-EZS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD733F-E	supported by specification
HIKvision Fixed Dome Camera	DS-2CD733F-EI	supported by specification
HIKvision Fixed Dome Camera	DS-2CD733F-EIZ	supported by specification
HIKvision Fixed Dome Camera	DS-2CD733F-EZ	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7353F-E	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7353F-EI	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7353F-EIS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7353F-ES	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7393NF-E	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7393NF-EI	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7393NF-EIS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7393NF-ES	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7393NFW-E	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7393NFW-EI	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7393NFW-EIS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7393NFW-ES	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7393PF-E	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7393PF-EI	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7393PF-EIS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7393PF-ES	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7393PFWD-E	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7393PFWD-EI	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7393PFWD-EIS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7393PFWD-ES	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7526G0-IZHS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7526G0-IZS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7526G0-IZSY	supported by specification
HIKvision Fixed Mini-Dome Camera	DS-2CD752MF-E	supported by specification
HIKvision Fixed Dome Camera	DS-2CD752MF-FB	supported by specification
HIKvision Fixed Dome Camera	DS-2CD752MF-FBH	supported by specification
HIKvision Fixed Dome Camera	DS-2CD752MF-IFB	supported by specification
HIKvision Fixed Dome Camera	DS-2CD752MF-IFBH	supported by specification
HIKvision Fixed Dome Camera	DS-2CD753F-E	supported by specification
HIKvision Fixed Dome Camera	DS-2CD753F-EI	supported by specification
HIKvision Fixed Dome Camera	DS-2CD753F-EIZ	supported by specification
HIKvision Fixed Dome Camera	DS-2CD753F-EZ	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7546G0-IZHS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7546G0-IZS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7546G0-IZSY	supported by specification
HIKvision Fixed Dome Camera	DS-2CD754F-E	tested by partner
HIKvision Fixed Dome Camera	DS-2CD754F-EI	supported by specification
HIKvision Fixed Dome Camera	DS-2CD754F-EIZ	supported by specification
HIKvision Fixed Dome Camera	DS-2CD754F-EZ	supported by specification

Integration Protocol: ISAPI

- Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs;
- Audio:** All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711, MP2L2, AAC codecs;
- EdgeStorage:** EdgeStorage Sync; EdgeStorage Gate (ONVIF protocol only and IPc4);
- Controls:** Pan, Tilt, Zoom/Zoom in on the selected area; Presets (Add/Update/Remove, Home preset); Tour (Add/Update/Remove); Wiper; Illumination; Sensors (inputs); Relays (outputs);
- Network:** Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
HIKvision Fixed Dome Camera	DS-2CD754FWD-E	supported by specification
HIKvision Fixed Dome Camera	DS-2CD754FWD-EI	supported by specification
HIKvision Fixed Dome Camera	DS-2CD754FWD-EIZ	supported by specification
HIKvision Fixed Dome Camera	DS-2CD754FWD-EZ	supported by specification
HIKvision Fixed Dome Camera	DS-2CD755F-E	supported by specification
HIKvision Fixed Dome Camera	DS-2CD755F-EI	supported by specification
HIKvision Fixed Dome Camera	DS-2CD755F-EIZ	supported by specification
HIKvision Fixed Dome Camera	DS-2CD755F-EZ	supported by specification
Hikvision Fixed Dome Camera	DS-2CD7565G0-IZS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD7585G0-IZHS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD7585G0-IZS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD762MF-FB	supported by specification
HIKvision Fixed Dome Camera	DS-2CD762MF-FBH	supported by specification
HIKvision Fixed Dome Camera	DS-2CD762MF-IFB	supported by specification
HIKvision Fixed Dome Camera	DS-2CD762MF-IFBH	supported by specification
HIKvision Fixed Dome Camera	DS-2CD763NF-E	supported by specification
HIKvision Fixed Dome Camera	DS-2CD763NF-EI	supported by specification
HIKvision Fixed Dome Camera	DS-2CD763NF-EIZ	supported by specification
HIKvision Fixed Dome Camera	DS-2CD763NF-EZ	supported by specification
HIKvision Fixed Dome Camera	DS-2CD763PF-E	supported by specification
HIKvision Fixed Dome Camera	DS-2CD763PF-EI	supported by specification
HIKvision Fixed Dome Camera	DS-2CD763PF-EIZ	supported by specification
HIKvision Fixed Dome Camera	DS-2CD763PF-EZ	supported by specification
HIKvision Fixed Dome Camera	DS-2CD764F-E	supported by specification
HIKvision Fixed Dome Camera	DS-2CD764F-EI	supported by specification
HIKvision Fixed Dome Camera	DS-2CD764F-EIZ	supported by specification
HIKvision Fixed Dome Camera	DS-2CD764F-EZ	supported by specification
HIKvision Fixed Dome Camera	DS-2CD764FWD-E	supported by specification
HIKvision Fixed Dome Camera	DS-2CD764FWD-EI	supported by specification
HIKvision Fixed Dome Camera	DS-2CD764FWD-EIZ	tested with FW 5.0.8
HIKvision Fixed Dome Camera	DS-2CD764FWD-EZ	supported by specification
HIKvision Fixed Dome Camera	DS-2CD783F-E	supported by specification
HIKvision Fixed Dome Camera	DS-2CD783F-EI	supported by specification
HIKvision Fixed Dome Camera	DS-2CD783F-EIZ	supported by specification
HIKvision Fixed Dome Camera	DS-2CD783F-EZ	supported by specification
HIKvision Fixed Dome Camera	DS-2CD792NF-E	supported by specification
HIKvision Fixed Dome Camera	DS-2CD792PF-E	supported by specification
HIKvision Fixed Dome Camera	DS-2CD793NF-E	supported by specification
HIKvision Fixed Dome Camera	DS-2CD793NF-EI	supported by specification
HIKvision Fixed Dome Camera	DS-2CD793NF-EIZ	supported by specification
HIKvision Fixed Dome Camera	DS-2CD793NF-EZ	supported by specification
HIKvision Fixed Dome Camera	DS-2CD793NFWD-E	supported by specification
HIKvision Fixed Dome Camera	DS-2CD793NFWD-EI	supported by specification
HIKvision Fixed Dome Camera	DS-2CD793NFWD-EIZ	supported by specification
HIKvision Fixed Dome Camera	DS-2CD793NFWD-EZ	supported by specification

Integration Protocol: ISAPI

- Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs;
- Audio:** All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711, MP2L2, AAC codecs;
- EdgeStorage:** EdgeStorage Sync; EdgeStorage Gate (ONVIF protocol only and IPc4);
- Controls:** Pan, Tilt, Zoom/Zoom in on the selected area; Presets (Add/Update/Remove, Home preset); Tour (Add/Update/Remove); Wiper; Illumination; Sensors (inputs); Relays (outputs);
- Network:** Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Hikvision Fixed Dome Camera	DS-2CD793PF-E	supported by specification
Hikvision Fixed Dome Camera	DS-2CD793PF-EI	supported by specification
Hikvision Fixed Dome Camera	DS-2CD793PF-EIZ	supported by specification
Hikvision Fixed Dome Camera	DS-2CD793PF-EZ	supported by specification
Hikvision Fixed Dome Camera	DS-2CD793PFWD-E	supported by specification
Hikvision Fixed Dome Camera	DS-2CD793PFWD-EI	supported by specification
Hikvision Fixed Dome Camera	DS-2CD793PFWD-EIZ	supported by specification
Hikvision Fixed Dome Camera	DS-2CD793PFWD-EZ	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD7A26G0/P-IZHS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD7A26G0/P-IZS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD7A26G0/P-LZHS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD7A26G0/P-LZS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD7A26G0-IZHS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD7A26G0-IZS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD7A26G0-IZSY	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD7A46G0-IZHS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD7A46G0-IZS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD7A46G0-IZSY	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD7A65G0-IZS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD7A85G0-IZHS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD7A85G0-IZS	supported by specification
Hikvision Fixed Box Camera	DS-2CD802NF-E	supported by specification
Hikvision Fixed Box Camera	DS-2CD802NF-W	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD802N-IR1	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD802N-IR3	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD802N-IR5	supported by specification
Hikvision Fixed Box Camera	DS-2CD802PF-E	supported by specification
Hikvision Fixed Box Camera	DS-2CD802PF-W	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD802P-IR1	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD802P-IR3	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD802P-IR5	supported by specification
Hikvision Fixed Box Camera	DS-2CD812NF-E	supported by specification
Hikvision Fixed Box Camera	DS-2CD812NF-W	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD812N-IR1	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD812N-IR3	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD812N-IR5	supported by specification
Hikvision Fixed Box Camera	DS-2CD812PF-E	supported by specification
Hikvision Fixed Box Camera	DS-2CD812PF-W	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD812P-IR1	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD812P-IR3	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD812P-IR5	supported by specification
Hikvision Fixed Mini-Box Camera	DS-2CD8133F-E	supported by specification
Hikvision Fixed Mini-Box Camera	DS-2CD8133F-EI	tested by partner
Hikvision Fixed Mini-Box Camera	DS-2CD8133F-EW	supported by specification
Hikvision Fixed Mini-Box Camera	DS-2CD8153F-E	supported by specification

Integration Protocol: ISAPI

- Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs;
- Audio:** All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711, MP2L2, AAC codecs;
- EdgeStorage:** EdgeStorage Sync; EdgeStorage Gate (ONVIF protocol only and IPc4);
- Controls:** Pan, Tilt, Zoom/Zoom in on the selected area; Presets (Add/Update/Remove, Home preset); Tour (Add/Update/Remove); Wiper; Illumination; Sensors (inputs); Relays (outputs);
- Network:** Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Hikvision Fixed Mini-Box Camera	DS-2CD8153F-EI	supported by specification
Hikvision Fixed Mini-Box Camera	DS-2CD8153F-EW	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD8233F-EI	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD8233F-EIS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD8233F-EIZ	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD8233F-EIZS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD8253F-E	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD8253F-EI	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD8253F-EIS	tested with FW 4.0.1
Hikvision Fixed Bullet Camera	DS-2CD8253F-EIZ	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD8253F-EIZS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD8253F-ES	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD8254F-E	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD8254F-EI	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD8254F-EIS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD8254F-EIZ	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD8254F-EIZS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD8254F-ES	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD8255F-EI	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD8255F-EIS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD8255F-EIZ	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD8255F-EIZS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD8264F-EI	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD8264F-EIS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD8264F-EIZ	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD8264F-EIZS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD8264FWD-EI	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD8264FWD-EIS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD8264FWD-EIZ	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD8264FWD-EIZS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD8283F-EI	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD8283F-EIS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD8283F-EIZ	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD8283F-EIZS	supported by specification
Hikvision Fixed Box Camera	DS-2CD832F	supported by specification
Hikvision Fixed Box Camera	DS-2CD832F-E	supported by specification
Hikvision Fixed Box Camera	DS-2CD833F-E	supported by specification
Hikvision Fixed Box Camera	DS-2CD833F-EW	supported by specification
Hikvision Fixed Cube Camera	DS-2CD8433F-EI	supported by specification
Hikvision Fixed Cube Camera	DS-2CD8433F-EIW	supported by specification
Hikvision Fixed Cube Camera	DS-2CD8464F-EI	supported by specification
Hikvision Fixed Cube Camera	DS-2CD8464F-EIW	supported by specification
Hikvision Fixed Box Camera	DS-2CD853F-E	supported by specification
Hikvision Fixed Box Camera	DS-2CD853F-EW	supported by specification
Hikvision Fixed Box Camera	DS-2CD854F-E	supported by specification

Integration Protocol: ISAPI

- Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs;
- Audio:** All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711, MP2L2, AAC codecs;
- EdgeStorage:** EdgeStorage Sync; EdgeStorage Gate (ONVIF protocol only and IPc4);
- Controls:** Pan, Tilt, Zoom/Zoom in on the selected area; Presets (Add/Update/Remove, Home preset); Tour (Add/Update/Remove); Wiper; Illumination; Sensors (inputs); Relays (outputs);
- Network:** Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Hikvision Fixed Box Camera	DS-2CD854F-EW	supported by specification
Hikvision Fixed Box Camera	DS-2CD854FWD-E	supported by specification
Hikvision Fixed Box Camera	DS-2CD854FWD-EW	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD855-EI3	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD855-EI5	supported by specification
Hikvision Fixed Box Camera	DS-2CD855F-E	FW 5.1.0
Hikvision Fixed Box Camera	DS-2CD855F-EW	supported by specification
Hikvision Fixed Box Camera	DS-2CD863NF-E	supported by specification
Hikvision Fixed Box Camera	DS-2CD863NF-EW	supported by specification
Hikvision Fixed Box Camera	DS-2CD863PF-E	supported by specification
Hikvision Fixed Box Camera	DS-2CD863PF-EW	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD864-EI3	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD864-EI5	supported by specification
Hikvision Fixed Box Camera	DS-2CD864F-E	supported by specification
Hikvision Fixed Box Camera	DS-2CD864F-EW	supported by specification
Hikvision Fixed Box Camera	DS-2CD864FWD-E	supported by specification
Hikvision Fixed Box Camera	DS-2CD864FWD-EW	supported by specification
Hikvision Fixed Box Camera	DS-2CD876BF	supported by specification
Hikvision Fixed Box Camera	DS-2CD876MF	supported by specification
Hikvision Fixed Box Camera	DS-2CD883F-E	tested by partner
Hikvision Fixed Box Camera	DS-2CD883F-EW	supported by specification
Hikvision Fixed Box Camera	DS-2CD892NF-E	supported by specification
Hikvision Fixed Box Camera	DS-2CD892NF-W	supported by specification
Hikvision Fixed Box Camera	DS-2CD892N-IR1	supported by specification
Hikvision Fixed Box Camera	DS-2CD892N-IR3	supported by specification
Hikvision Fixed Box Camera	DS-2CD892N-IR5	supported by specification
Hikvision Fixed Box Camera	DS-2CD892PF-E	supported by specification
Hikvision Fixed Box Camera	DS-2CD892PF-W	supported by specification
Hikvision Fixed Box Camera	DS-2CD892P-IR1	supported by specification
Hikvision Fixed Box Camera	DS-2CD892P-IR3	supported by specification
Hikvision Fixed Box Camera	DS-2CD892P-IR5	supported by specification
Hikvision Fixed Box Camera	DS-2CD893NF-E	supported by specification
Hikvision Fixed Box Camera	DS-2CD893NF-EW	supported by specification
Hikvision Fixed Box Camera	DS-2CD893NFW-E	supported by specification
Hikvision Fixed Box Camera	DS-2CD893NFW-EW	supported by specification
Hikvision Fixed Box Camera	DS-2CD893PF-E	supported by specification
Hikvision Fixed Box Camera	DS-2CD893PF-EW	supported by specification
Hikvision Fixed Box Camera	DS-2CD893PFWD-E	supported by specification
Hikvision Fixed Box Camera	DS-2CD893PFWD-EW	supported by specification
Hikvision Bullet Camera	DS-2CE19DF8T-AZE	supported by specification
Hikvision Dome Camera	DS-2CE59DF8T-AVPZE	supported by specification
Hikvision Dome Camera	DS-2CE79DF8T-AZE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE1A200IW-DE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE1A200W-DE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE1A400IW-DE	supported by specification

Integration Protocol: ISAPI

- Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs;
- Audio:** All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711, MP2L2, AAC codecs;
- EdgeStorage:** EdgeStorage Sync; EdgeStorage Gate (ONVIF protocol only and IPC4);
- Controls:** Pan, Tilt, Zoom/Zoom in on the selected area; Presets (Add/Update/Remove, Home preset); Tour (Add/Update/Remove); Wiper; Illumination; Sensors (inputs); Relays (outputs);
- Network:** Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Hikvision PTZ Speed Camera	DS-2DE1A400W-DE	supported by specification
Hikvision Fixed Dome Camera	DS-2DE2103	supported by specification
Hikvision Fixed Dome Camera	DS-2DE2103-DE3	supported by specification
Hikvision Fixed Dome Camera	DS-2DE2103-DE3/W	supported by specification
Hikvision Fixed Dome Camera	DS-2DE2103I-DE3	supported by specification
Hikvision Fixed Dome Camera	DS-2DE2103I-DE3/W	supported by specification
Hikvision PTZ Speed Camera	DS-2DE2106IW-DE3	supported by specification
Hikvision Fixed Dome Camera	DS-2DE2202-DE3	supported by specification
Hikvision Fixed Dome Camera	DS-2DE2202-DE3/W	supported by specification
Hikvision Fixed Dome Camera	DS-2DE2202I-DE3	supported by specification
Hikvision Fixed Dome Camera	DS-2DE2202I-DE3/W	supported by specification
Hikvision PTZ Speed Camera	DS-2DE2204IW-DE3	supported by specification
Hikvision PTZ Speed Camera	DS-2DE2204IW-DE3/W	supported by specification
Hikvision PTZ Speed Camera	DS-2DE2402IW-DE3	supported by specification
Hikvision PTZ Speed Camera	DS-2DE2402IW-DE3/W	supported by specification
Hikvision PTZ Speed Camera	DS-2DE2A204IW-DE3	supported by specification
Hikvision PTZ Speed Camera	DS-2DE2A204W-DE3	supported by specification
Hikvision PTZ Speed Camera	DS-2DE2A404IW-DE3	supported by specification
Hikvision PTZ Speed Camera	DS-2DE2A404W-DE3	supported by specification
Hikvision PTZ Speed Camera	DS-2DE3204W-DE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE3220IW-DE4	supported by specification
Hikvision PTZ Speed Camera	DS-2DE3304W-DE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE4120-AE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE4120-AE3	supported by specification
Hikvision PTZ Speed Camera	DS-2DE4120-DE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE4120-DE3	supported by specification
Hikvision PTZ Speed Camera	DS-2DE4120I-D	supported by specification
Hikvision PTZ Speed Camera	DS-2DE4120IW-DE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE4120W-AE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE4120W-AE3	supported by specification
Hikvision PTZ Speed Camera	DS-2DE4172-AE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE4172-AE3	supported by specification
Hikvision PTZ Speed Camera	DS-2DE4172-DE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE4172-DE3	supported by specification
Hikvision PTZ Speed Camera	DS-2DE4182-AE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE4182-AE3	supported by specification
Hikvision PTZ Speed Camera	DS-2DE4215W-DE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE4215W-DE3	supported by specification
Hikvision PTZ Speed Camera	DS-2DE4220-AE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE4220-AE3	supported by specification
Hikvision PTZ Speed Camera	DS-2DE4220-DE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE4220-DE3	supported by specification
Hikvision PTZ Speed Camera	DS-2DE4220IW-D	supported by specification
Hikvision PTZ Speed Camera	DS-2DE4220IW-DE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE4220W	supported by specification

Integration Protocol: ISAPI

- Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs;
- Audio:** All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711, MP2L2, AAC codecs;
- EdgeStorage:** EdgeStorage Sync; EdgeStorage Gate (ONVIF protocol only and IPC4);
- Controls:** Pan, Tilt, Zoom/Zoom in on the selected area; Presets (Add/Update/Remove, Home preset); Tour (Add/Update/Remove); Wiper; Illumination; Sensors (inputs); Relays (outputs);
- Network:** Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Hikvision PTZ Speed Camera	DS-2DE4220W-AE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE4220W-AE3	supported by specification
Hikvision PTZ Speed Camera	DS-2DE4225W-DE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE4225W-DE3	supported by specification
Hikvision PTZ Speed Camera	DS-2DE4320IW-DE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE4320W	supported by specification
Hikvision PTZ Speed Camera	DS-2DE4415IW-DE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE4415W-DE3	supported by specification
Hikvision PTZ Speed Camera	DS-2DE4425IW-DE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE4425W-DE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE4572-AE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE4572-AE3	supported by specification
Hikvision PTZ Speed Camera	DS-2DE4572-DE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE4582-AE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE4582-AE3	supported by specification
Hikvision PTZ Speed Camera	DS-2DE4A204IW-DE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE4A215IW-DE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE4A220IW-DE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE4A225IW-DE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE4A320IW-DE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE4A425IW-DE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE5120I-AE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE5120IW-AE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE5120W-AE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE5120W-AE3	supported by specification
Hikvision PTZ Speed Camera	DS-2DE5130W-AE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE5130W-AE3	supported by specification
Hikvision PTZ Speed Camera	DS-2DE5174-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DE5174-A3	supported by specification
Hikvision PTZ Speed Camera	DS-2DE5174-AE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE5174-AE3	supported by specification
Hikvision PTZ Speed Camera	DS-2DE5176-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DE5176-A3	supported by specification
Hikvision PTZ Speed Camera	DS-2DE5176-AE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE5176-AE3	supported by specification
Hikvision PTZ Speed Camera	DS-2DE5184-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DE5184-A3	supported by specification
Hikvision PTZ Speed Camera	DS-2DE5184-AE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE5184-AE3	supported by specification
Hikvision PTZ Speed Camera	DS-2DE5186-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DE5186-A3	supported by specification
Hikvision PTZ Speed Camera	DS-2DE5186-AE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE5186-AE3	supported by specification
Hikvision PTZ Speed Camera	DS-2DE5220I-AE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE5220IW-AE	supported by specification

Integration Protocol: ISAPI

- Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs;
- Audio:** All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711, MP2L2, AAC codecs;
- EdgeStorage:** EdgeStorage Sync; EdgeStorage Gate (ONVIF protocol only and IPc4);
- Controls:** Pan, Tilt, Zoom/Zoom in on the selected area; Presets (Add/Update/Remove, Home preset); Tour (Add/Update/Remove); Wiper; Illumination; Sensors (inputs); Relays (outputs);
- Network:** Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Hikvision PTZ Speed Camera	DS-2DE5220W-AE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE5220W-AE3	supported by specification
Hikvision PTZ Speed Camera	DS-2DE5225IW-AE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE5225W-AE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE5230W-AE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE5230W-AE3	supported by specification
Hikvision PTZ Speed Camera	DS-2DE5232IW-AE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE5232W-AE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE5320IW-AE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE5320W-AE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE5320W-AE3	supported by specification
Hikvision PTZ Speed Camera	DS-2DE5330W-AE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE5330W-AE3	supported by specification
Hikvision PTZ Speed Camera	DS-2DE5420W-AE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE5420W-AE3	supported by specification
Hikvision PTZ Speed Camera	DS-2DE5425IW-AE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE5425W-AE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE5430W-AE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE5430W-AE3	supported by specification
Hikvision PTZ Speed Camera	DS-2DE5432IW-AE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE6220IW-A/GLT	supported by specification
Hikvision PTZ Speed Camera	DS-2DE6220IW-AE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE6420IW-AE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE7120IW-AE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE7130IW-AE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE7174-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DE7174-AE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE7176-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DE7176-AE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE7184-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DE7184-AE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE7186-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DE7186-AE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE7220IW-AE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE7223IW-AE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE7225IW-AE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE7230IW-AE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE7232IW-AE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE7330IW-AE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE7420IW-AE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE7425IW-AE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE7430IW-AE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE7520IW-AE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE7530IW-AE	supported by specification
Hikvision PTZ Speed Camera	DS-2DF1-401H	supported by specification

Integration Protocol: ISAPI

- Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs;
- Audio:** All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711, MP2L2, AAC codecs;
- EdgeStorage:** EdgeStorage Sync; EdgeStorage Gate (ONVIF protocol only and IPC4);
- Controls:** Pan, Tilt, Zoom/Zoom in on the selected area; Presets (Add/Update/Remove, Home preset); Tour (Add/Update/Remove); Wiper; Illumination; Sensors (inputs); Relays (outputs);
- Network:** Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Hikvision PTZ Speed Camera	DS-2DF1-502	supported by specification
Hikvision PTZ Speed Camera	DS-2DF1-503-B	supported by specification
Hikvision PTZ Speed Camera	DS-2DF1-504	supported by specification
Hikvision PTZ Speed Camera	DS-2DF1-505-B	supported by specification
Hikvision PTZ Speed Camera	DS-2DF1-506	supported by specification
Hikvision PTZ Speed Camera	DS-2DF1-507-B	supported by specification
Hikvision PTZ Speed Camera	DS-2DF1-508	supported by specification
Hikvision PTZ Speed Camera	DS-2DF1-512	supported by specification
Hikvision PTZ Speed Camera	DS-2DF1-513-B	supported by specification
Hikvision PTZ Speed Camera	DS-2DF1-514	supported by specification
Hikvision PTZ Speed Camera	DS-2DF1-515-B	supported by specification
Hikvision PTZ Speed Camera	DS-2DF1-516	supported by specification
Hikvision PTZ Speed Camera	DS-2DF1-517-B	supported by specification
Hikvision PTZ Speed Camera	DS-2DF1-518	tested with FW 3.1.0
Hikvision PTZ Speed Camera	DS-2DF1-532	supported by specification
Hikvision PTZ Speed Camera	DS-2DF1-533-B	supported by specification
Hikvision PTZ Speed Camera	DS-2DF1-534	supported by specification
Hikvision PTZ Speed Camera	DS-2DF1-535-B	supported by specification
Hikvision PTZ Speed Camera	DS-2DF1-536	supported by specification
Hikvision PTZ Speed Camera	DS-2DF1-537-B	supported by specification
Hikvision PTZ Speed Camera	DS-2DF1-538	supported by specification
Hikvision PTZ Speed Camera	DS-2DF1-5702	supported by specification
Hikvision PTZ Speed Camera	DS-2DF1-572	supported by specification
Hikvision PTZ Speed Camera	DS-2DF1-5732	supported by specification
Hikvision PTZ Speed Camera	DS-2DF1-601H	supported by specification
Hikvision PTZ Speed Camera	DS-2DF1-602H	supported by specification
Hikvision PTZ Speed Camera	DS-2DF1-603H	supported by specification
Hikvision PTZ Speed Camera	DS-2DF1-604H	supported by specification
Hikvision PTZ Speed Camera	DS-2DF1-605H	supported by specification
Hikvision PTZ Speed Camera	DS-2DF1-606H	supported by specification
Hikvision PTZ Speed Camera	DS-2DF1-607H	supported by specification
Hikvision PTZ Speed Camera	DS-2DF1-608H	supported by specification
Hikvision PTZ Speed Camera	DS-2DF1-611H	supported by specification
Hikvision PTZ Speed Camera	DS-2DF1-612H	supported by specification
Hikvision PTZ Speed Camera	DS-2DF1-613H	supported by specification
Hikvision PTZ Speed Camera	DS-2DF1-614H	supported by specification
Hikvision PTZ Speed Camera	DS-2DF1-615H	supported by specification
Hikvision PTZ Speed Camera	DS-2DF1-616H	supported by specification
Hikvision PTZ Speed Camera	DS-2DF1-617H	supported by specification
Hikvision PTZ Speed Camera	DS-2DF1-618H	supported by specification
Hikvision PTZ Speed Camera	DS-2DF1-672	supported by specification
Hikvision PTZ Speed Camera	DS-2DF1-713-B	supported by specification
Hikvision PTZ Speed Camera	DS-2DF1-715-B	supported by specification
Hikvision PTZ Speed Camera	DS-2DF1-717-B	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5220S-DE4/W	supported by specification

Integration Protocol: ISAPI

- Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs;
- Audio:** All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711, MP2L2, AAC codecs;
- EdgeStorage:** EdgeStorage Sync; EdgeStorage Gate (ONVIF protocol only and IPC4);
- Controls:** Pan, Tilt, Zoom/Zoom in on the selected area; Presets (Add/Update/Remove, Home preset); Tour (Add/Update/Remove); Wiper; Illumination; Sensors (inputs); Relays (outputs);
- Network:** Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Hikvision PTZ Speed Camera	DS-2DF5225X-AE3	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5225X-AEL	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5225X-AEL-T3	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5232X-AE3	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5232X-AEL	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5264	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5264-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5264-A3	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5264-AE3	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5264-AEL	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5264-D	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5264-D3	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5264N-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5264N-A3	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5264N-AE4	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5264N-AEL	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5264N-D	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5264N-D3	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5268	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5268-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5268-A3	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5268-AE3	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5268-AEL	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5268-D	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5268-D3	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5268N-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5268N-A4	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5268N-AE3	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5268N-D	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5268N-D3	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5272-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5272-A3	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5272-D	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5272-D3	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5274-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5274-A3	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5274-A3F	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5274-AE3	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5274-AEL	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5274-AF	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5274C-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5274C-A3	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5274C-D	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5274C-D3	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5274-D	supported by specification

Integration Protocol: ISAPI

- Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs;
- Audio:** All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711, MP2L2, AAC codecs;
- EdgeStorage:** EdgeStorage Sync; EdgeStorage Gate (ONVIF protocol only and IPC4);
- Controls:** Pan, Tilt, Zoom/Zoom in on the selected area; Presets (Add/Update/Remove, Home preset); Tour (Add/Update/Remove); Wiper; Illumination; Sensors (inputs); Relays (outputs);
- Network:** Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Hikvision PTZ Speed Camera	DS-2DF5274-D3	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5275-A3H	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5275-AH	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5276-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5276-A3	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5276-A3F	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5276-A3H	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5276-AE3	tested with FW 5.1.5
Hikvision PTZ Speed Camera	DS-2DF5276-AEL	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5276-AF	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5276-AH	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5276C-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5276C-A3	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5276C-D	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5276C-D3	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5276-D	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5276-D3	supported by specification
Hikvision PTZ Speed Camera	DS-2DF527A-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DF527A-A3	supported by specification
Hikvision PTZ Speed Camera	DS-2DF527A-D	supported by specification
Hikvision PTZ Speed Camera	DS-2DF527A-D3	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5283-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5283-A3	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5283-A3H	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5283-AH	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5284-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5284-A3	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5284-A3F	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5284-AE3	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5284-AEL	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5284-AF	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5284-D	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5284-D3	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5285-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5285-A3	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5285-A3H	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5285-AE3	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5285-AH	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5286-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5286-A3	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5286-A3F	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5286-AE3	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5286-AEL	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5286-AF	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5286-D	supported by specification

Integration Protocol: ISAPI

- Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs;
- Audio:** All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711, MP2L2, AAC codecs;
- EdgeStorage:** EdgeStorage Sync; EdgeStorage Gate (ONVIF protocol only and IPC4);
- Controls:** Pan, Tilt, Zoom/Zoom in on the selected area; Presets (Add/Update/Remove, Home preset); Tour (Add/Update/Remove); Wiper; Illumination; Sensors (inputs); Relays (outputs);
- Network:** Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Hikvision PTZ Speed Camera	DS-2DF5286-D3	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5294-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5294-A3	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5294-D	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5296-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5296-A3	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5296-D	supported by specification
Hikvision PTZ Speed Camera	DS-2DF6223-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DF6223-AEL	supported by specification
Hikvision PTZ Speed Camera	DS-2DF6223-D	supported by specification
Hikvision PTZ Speed Camera	DS-2DF6225X-AEL	supported by specification
Hikvision PTZ Speed Camera	DS-2DF6230-AEL	supported by specification
Hikvision PTZ Speed Camera	DS-2DF6236-AEL	supported by specification
Hikvision PTZ Speed Camera	DS-2DF6236V-AEL	supported by specification
Hikvision PTZ Speed Camera	DS-2DF6236X-AEL	supported by specification
Hikvision PTZ Speed Camera	DS-2DF6330V-AEL	supported by specification
Hikvision PTZ Speed Camera	DS-2DF6336V-AEL	supported by specification
Hikvision PTZ Speed Camera	DS-2DF6836V-AEL	supported by specification
Hikvision PTZ Speed Camera	DS-2DF6A225X-AEL	supported by specification
Hikvision PTZ Speed Camera	DS-2DF6A236X-AEL	supported by specification
Hikvision PTZ Speed Camera	DS-2DF6A425X-AEL	supported by specification
Hikvision PTZ Speed Camera	DS-2DF6A436X-AEL	supported by specification
Hikvision PTZ Speed Camera	DS-2DF6A825X-AEL	supported by specification
Hikvision PTZ Speed Camera	DS-2DF6A836X-AEL	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7130I3-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7130I5-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7225IX-AEL	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7225IX-AELW	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7230I3-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7230I5-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7230I5-AEL	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7232IX-AEL	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7232IX-AELW	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7264	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7264-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7264-AEL	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7264-D	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7264N-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7264N-D	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7268	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7268-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7268-AEL	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7268-D	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7268N-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7268N-D	supported by specification

Integration Protocol: ISAPI

- Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs;
- Audio:** All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711, MP2L2, AAC codecs;
- EdgeStorage:** EdgeStorage Sync; EdgeStorage Gate (ONVIF protocol only and IPC4);
- Controls:** Pan, Tilt, Zoom/Zoom in on the selected area; Presets (Add/Update/Remove, Home preset); Tour (Add/Update/Remove); Wiper; Illumination; Sensors (inputs); Relays (outputs);
- Network:** Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Hikvision PTZ Speed Camera	DS-2DF7272-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7272-D	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7274-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7274-AEL	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7274-AF	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7274-AW	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7274C-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7274C-D	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7274-D	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7275-AH	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7276-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7276-AEL	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7276-AF	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7276-AH	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7276-AW	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7276C-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7276C-D	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7276-D	supported by specification
Hikvision PTZ Speed Camera	DS-2DF727A-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DF727A-A3	supported by specification
Hikvision PTZ Speed Camera	DS-2DF727A-D	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7283-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7284-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7284-AEL	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7284-AF	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7284-AW	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7284-D	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7285-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7286-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7286-AEL	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7286-AF	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7286-AW	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7286-D	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7294-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7294-D	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7296-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7296-D	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7730I5-AEL/KM	supported by specification
Hikvision PTZ Speed Camera	DS-2DF8223I-AEL	supported by specification
Hikvision PTZ Speed Camera	DS-2DF8223I-AELW	supported by specification
Hikvision PTZ Speed Camera	DS-2DF8223IN-AEL	supported by specification
Hikvision PTZ Speed Camera	DS-2DF8223IW-AEL	supported by specification
Hikvision PTZ Speed Camera	DS-2DF8225I5H-AEL	supported by specification
Hikvision PTZ Speed Camera	DS-2DF8225I5H-AELD	supported by specification
Hikvision PTZ Speed Camera	DS-2DF8225IH-AEL	supported by specification

Integration Protocol: ISAPI

- Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs;
- Audio:** All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711, MP2L2, AAC codecs;
- EdgeStorage:** EdgeStorage Sync; EdgeStorage Gate (ONVIF protocol only and IPC4);
- Controls:** Pan, Tilt, Zoom/Zoom in on the selected area; Presets (Add/Update/Remove, Home preset); Tour (Add/Update/Remove); Wiper; Illumination; Sensors (inputs); Relays (outputs);
- Network:** Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Hikvision PTZ Speed Camera	DS-2DF8225IH-AELD	supported by specification
Hikvision PTZ Speed Camera	DS-2DF8225IH-AELW	supported by specification
Hikvision PTZ Speed Camera	DS-2DF8225IX-AEL	supported by specification
Hikvision PTZ Speed Camera	DS-2DF8225IX-AELW	supported by specification
Hikvision PTZ Speed Camera	DS-2DF8230IV-AEL	supported by specification
Hikvision PTZ Speed Camera	DS-2DF8236I5W-AELW	supported by specification
Hikvision PTZ Speed Camera	DS-2DF8236I5X-AELW	supported by specification
Hikvision PTZ Speed Camera	DS-2DF8236I-AEL	supported by specification
Hikvision PTZ Speed Camera	DS-2DF8236I-AELW	supported by specification
Hikvision PTZ Speed Camera	DS-2DF8236I-AELW/FYU	supported by specification
Hikvision PTZ Speed Camera	DS-2DF8236IV-AEL	supported by specification
Hikvision PTZ Speed Camera	DS-2DF8236IV-AELW	supported by specification
Hikvision PTZ Speed Camera	DS-2DF8236IW-AEL	supported by specification
Hikvision PTZ Speed Camera	DS-2DF8236IX-AEL	supported by specification
Hikvision PTZ Speed Camera	DS-2DF8236IX-AELW	supported by specification
Hikvision PTZ Speed Camera	DS-2DF8242IX-AELY	supported by specification
Hikvision PTZ Speed Camera	DS-2DF8248IX-AELY	supported by specification
Hikvision PTZ Speed Camera	DS-2DF8250I5X-AEL	supported by specification
Hikvision PTZ Speed Camera	DS-2DF8250I5X-AELW	supported by specification
Hikvision PTZ Speed Camera	DS-2DF8330IV-AEL	supported by specification
Hikvision PTZ Speed Camera	DS-2DF8336IV-AEL	supported by specification
Hikvision PTZ Speed Camera	DS-2DF8336IV-AELW	supported by specification
Hikvision PTZ Speed Camera	DS-2DF8425IX-AEL	supported by specification
Hikvision PTZ Speed Camera	DS-2DF8425IX-AELW	supported by specification
Hikvision PTZ Speed Camera	DS-2DF8436I5X-AELW	supported by specification
Hikvision PTZ Speed Camera	DS-2DF8436IX-AEL	supported by specification
Hikvision PTZ Speed Camera	DS-2DF8436IX-AELW	supported by specification
Hikvision PTZ Speed Camera	DS-2DF8825IX-AEL	supported by specification
Hikvision PTZ Speed Camera	DS-2DF8825IX-AELW	supported by specification
Hikvision PTZ Speed Camera	DS-2DF8836I5V-AELW	supported by specification
Hikvision PTZ Speed Camera	DS-2DF8836I5X-AELW	supported by specification
Hikvision PTZ Speed Camera	DS-2DF8836IV-AEL	supported by specification
Hikvision PTZ Speed Camera	DS-2DF8836IV-AELW	supported by specification
Hikvision PTZ Speed Camera	DS-2DF8836IX-AEL	supported by specification
Hikvision PTZ Speed Camera	DS-2DF8836IX-AELW	supported by specification
Hikvision PTZ Speed Camera	DS-2DF8A436IX-AEL	supported by specification
Hikvision PTZ Speed Camera	DS-2DF8A836IX-AEL	supported by specification
Hikvision PTZ Speed Camera	DS-2DF9223I-HR	supported by specification
Hikvision PTZ Speed Camera	DS-2DF9C245IH-DLW	supported by specification
Hikvision PTZ Speed Camera	DS-2DF9C435IH-DLW	supported by specification
Hikvision PTZ Speed Camera	DS-2DP0818Z-D	supported by specification
Hikvision PTZ Speed Camera	DS-2DP0818ZIX-D/236	supported by specification
Hikvision PTZ Speed Camera	DS-2DP1636-D	supported by specification
Hikvision PTZ Speed Camera	DS-2DP1636Z-D	supported by specification
Hikvision PTZ Speed Camera	DS-2DP1636ZIX-D/236	supported by specification

Integration Protocol: ISAPI

- Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs;
- Audio:** All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711, MP2L2, AAC codecs;
- EdgeStorage:** EdgeStorage Sync; EdgeStorage Gate (ONVIF protocol only and IPC4);
- Controls:** Pan, Tilt, Zoom/Zoom in on the selected area; Presets (Add/Update/Remove, Home preset); Tour (Add/Update/Remove); Wiper; Illumination; Sensors (inputs); Relays (outputs);
- Network:** Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Hikvision PTZ Speed Camera	DS-2DP3236ZIXS-D/440/T2	supported by specification
Hikvision PTZ Speed Camera	DS-2DT6223-AELY	supported by specification
Hikvision PTZ system	DS-2DY3220IW-DE	supported by specification
Hikvision PTZ system	DS-2DY3220IW-DE4	supported by specification
Hikvision PTZ Speed Camera	DS-2DY3320IW-DE	supported by specification
Hikvision PTZ Speed Camera	DS-2DY3320IW-DE4	supported by specification
Hikvision PTZ system	DS-2DY5223IW-AE	supported by specification
Hikvision PTZ system	DS-2DY5223IW-DM	supported by specification
Hikvision PTZ Speed Camera	DS-2DY7230IW-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DY7230W-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DY7236IW-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DY7236W-A	supported by specification
Hikvision PTZ system	DS-2DY9185-A	supported by specification
Hikvision PTZ system	DS-2DY9185-AI2	supported by specification
Hikvision PTZ system	DS-2DY9187-AI8	supported by specification
Hikvision PTZ system	DS-2DY9187-AIA	supported by specification
Hikvision PTZ system	DS-2DY9188-A	supported by specification
Hikvision PTZ system	DS-2DY9188-AI2	supported by specification
Hikvision PTZ system	DS-2DY9188-AIA	supported by specification
Hikvision PTZ Speed Camera	DS-2DY9225IH-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DY9225IH-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DY9236IAX	supported by specification
Hikvision PTZ Speed Camera	DS-2DY9236IX-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DY9236X-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DY9250IAX-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DY9250IX-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DY9250X-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DY9836IAX-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DY9836IX-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DY9836X-A	supported by specification
Hikvision PTZ Speed Camera	DS-2PT3122IZ-DE3	supported by specification
Hikvision PTZ Speed Camera	DS-2PT3306IZ-DE3	supported by specification
Hikvision PTZ Speed Camera	DS-2PT3326IZ-DE3	supported by specification
Hikvision PTZ Speed Camera	DS-2PT5326IZ-DE	supported by specification
Hikvision Cube Thermal Camera	DS-2TA21-2AVF	supported by specification
Hikvision Cube Thermal Camera	DS-2TA21-3AVF	supported by specification
Hikvision Thermal Camera	DS-2TD1117-2/PA	supported by specification
Hikvision Thermal Camera	DS-2TD1117-3/PA	supported by specification
Hikvision Thermal Camera	DS-2TD1117-6/PA	supported by specification
Hikvision Thermal Camera	DS-2TD1217-2/PA	supported by specification
Hikvision Thermal Bullet Camera	DS-2TD1217-2/V1	supported by specification
Hikvision Thermal Camera	DS-2TD1217-3/PA	supported by specification
Hikvision Thermal Bullet Camera	DS-2TD1217-3/V1	supported by specification
Hikvision Thermal Camera	DS-2TD1217-6/PA	supported by specification
Hikvision Thermal Bullet Camera	DS-2TD1217-6/V1	supported by specification

Integration Protocol: ISAPI

- Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs;
- Audio:** All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711, MP2L2, AAC codecs;
- EdgeStorage:** EdgeStorage Sync; EdgeStorage Gate (ONVIF protocol only and IPc4);
- Controls:** Pan, Tilt, Zoom/Zoom in on the selected area; Presets (Add/Update/Remove, Home preset); Tour (Add/Update/Remove); Wiper; Illumination; Sensors (inputs); Relays (outputs);
- Network:** Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Hikvision Thermal Camera	DS-2TD2117-10/PA	supported by specification
Hikvision Thermal Camera	DS-2TD2117-3/PA	supported by specification
Hikvision Thermal Bullet Camera	DS-2TD2117-3/V1	supported by specification
Hikvision Thermal Camera	DS-2TD2117-6/PA	supported by specification
Hikvision Thermal Bullet Camera	DS-2TD2117-6/V1	supported by specification
Hikvision Thermal Bullet Camera	DS-2TD2136	supported by specification
Hikvision Thermal Bullet Camera	DS-2TD2136-10	supported by specification
Hikvision Thermal Bullet Camera	DS-2TD2136-10/V1	supported by specification
Hikvision Thermal Bullet Camera	DS-2TD2136-10/VP	supported by specification
Hikvision Thermal Bullet Camera	DS-2TD2136-15	supported by specification
Hikvision Thermal Bullet Camera	DS-2TD2136-15/V1	supported by specification
Hikvision Thermal Bullet Camera	DS-2TD2136-15/VP	supported by specification
Hikvision Thermal Bullet Camera	DS-2TD2136-25	supported by specification
Hikvision Thermal Bullet Camera	DS-2TD2136-25/V1	supported by specification
Hikvision Thermal Bullet Camera	DS-2TD2136-25/VP	supported by specification
Hikvision Thermal Bullet Camera	DS-2TD2136-35	supported by specification
Hikvision Thermal Bullet Camera	DS-2TD2136-35/V1	supported by specification
Hikvision Thermal Bullet Camera	DS-2TD2136-35/VP	supported by specification
Hikvision Thermal Bullet Camera	DS-2TD2136-7	supported by specification
Hikvision Thermal Bullet Camera	DS-2TD2136-7/V1	supported by specification
Hikvision Thermal Bullet Camera	DS-2TD2136-7/VP	supported by specification
Hikvision Thermal Bullet Camera	DS-2TD2136T-10	supported by specification
Hikvision Thermal Bullet Camera	DS-2TD2136T-15	supported by specification
Hikvision Thermal Bullet Camera	DS-2TD2136T-25	supported by specification
Hikvision Thermal Bullet Camera	DS-2TD2137-10/V1	supported by specification
Hikvision Thermal Bullet Camera	DS-2TD2137-10/VP	supported by specification
Hikvision Thermal Bullet Camera	DS-2TD2137-15/V1	supported by specification
Hikvision Thermal Bullet Camera	DS-2TD2137-15/VP	supported by specification
Hikvision Thermal Bullet Camera	DS-2TD2137-25/V1	supported by specification
Hikvision Thermal Bullet Camera	DS-2TD2137-25/VP	supported by specification
Hikvision Thermal Bullet Camera	DS-2TD2137-35/V1	supported by specification
Hikvision Thermal Bullet Camera	DS-2TD2137-35/VP	supported by specification
Hikvision Thermal Bullet Camera	DS-2TD2137-7/V1	supported by specification
Hikvision Thermal Bullet Camera	DS-2TD2137-7/VP	supported by specification
Hikvision Thermal Bullet Camera	DS-2TD2160-35/KM	supported by specification
Hikvision Thermal Bullet Camera	DS-2TD2166-15	supported by specification
Hikvision Thermal Bullet Camera	DS-2TD2166-15/V1	supported by specification
Hikvision Thermal Bullet Camera	DS-2TD2166-25	supported by specification
Hikvision Thermal Bullet Camera	DS-2TD2166-25/V1	supported by specification
Hikvision Thermal Bullet Camera	DS-2TD2166-35	supported by specification
Hikvision Thermal Bullet Camera	DS-2TD2166-35/V1	supported by specification
Hikvision Thermal Bullet Camera	DS-2TD2166-7	supported by specification
Hikvision Thermal Bullet Camera	DS-2TD2166-7/V1	supported by specification
Hikvision Thermal Bullet Camera	DS-2TD2166T-15	supported by specification
Hikvision Thermal Bullet Camera	DS-2TD2166T-25	supported by specification

Integration Protocol: ISAPI

- Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs;
- Audio:** All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711, MP2L2, AAC codecs;
- EdgeStorage:** EdgeStorage Sync; EdgeStorage Gate (ONVIF protocol only and IPc4);
- Controls:** Pan, Tilt, Zoom/Zoom in on the selected area; Presets (Add/Update/Remove, Home preset); Tour (Add/Update/Remove); Wiper; Illumination; Sensors (inputs); Relays (outputs);
- Network:** Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Hikvision Thermal Bullet Camera	DS-2TD2235D-25	supported by specification
Hikvision Thermal Bullet Camera	DS-2TD2235D-50	supported by specification
Hikvision Thermal Bullet Camera	DS-2TD2336-100	supported by specification
Hikvision Thermal Bullet Camera	DS-2TD2336-50	supported by specification
Hikvision Thermal Bullet Camera	DS-2TD2336-75	supported by specification
Hikvision Thermal Bullet Camera	DS-2TD2366-100	supported by specification
Hikvision Thermal Bullet Camera	DS-2TD2366-50	supported by specification
Hikvision Thermal Bullet Camera	DS-2TD2366-75	supported by specification
Hikvision Thermal Bullet Camera	DS-2TD2466-25Y	supported by specification
Hikvision Thermal Bullet Camera	DS-2TD2466-50Y	supported by specification
Hikvision Thermal Bullet Camera	DS-2TD2466T-25X	supported by specification
Hikvision Thermal Bullet Camera	DS-2TD2615-10	supported by specification
Hikvision Thermal Bullet Camera	DS-2TD2615-7	supported by specification
Hikvision Thermal Camera	DS-2TD2617-10/PA	supported by specification
Hikvision Thermal Camera	DS-2TD2617-3/PA	supported by specification
Hikvision Thermal Bullet Camera	DS-2TD2617-3/V1	supported by specification
Hikvision Thermal Camera	DS-2TD2617-6/PA	supported by specification
Hikvision Thermal Bullet Camera	DS-2TD2617-6/V1	supported by specification
Hikvision Thermal Bullet Camera	DS-2TD2636-10	supported by specification
Hikvision Thermal Bullet Camera	DS-2TD2636-15	supported by specification
Hikvision Thermal Bullet Camera	DS-2TD2715-KM	supported by specification
Hikvision Thermal Bullet Camera	DS-2TD2836-25	supported by specification
Hikvision Thermal Bullet Camera	DS-2TD2836-25/V1	supported by specification
Hikvision Thermal Bullet Camera	DS-2TD2836-50	supported by specification
Hikvision Thermal Bullet Camera	DS-2TD2836-50/V1	supported by specification
Hikvision Thermal Bullet Camera	DS-2TD2866-25	supported by specification
Hikvision Thermal Bullet Camera	DS-2TD2866-25/V1	supported by specification
Hikvision Thermal Bullet Camera	DS-2TD2866-50	supported by specification
Hikvision Thermal Bullet Camera	DS-2TD2866-50/V1	supported by specification
Hikvision Thermal PTZ Speed Camera	DS-2TD4035D-25	supported by specification
Hikvision Thermal PTZ Speed Camera	DS-2TD4035D-50	supported by specification
Hikvision Thermal PTZ system	DS-2TD6130-75/KM	supported by specification
Hikvision Thermal PTZ system	DS-2TD6135-50B2L	supported by specification
Hikvision Thermal PTZ system	DS-2TD6135-75B2L	supported by specification
Hikvision Thermal PTZ system	DS-2TD6160-75/KM	supported by specification
Hikvision Thermal PTZ system	DS-2TD6166-50B2L	supported by specification
Hikvision Thermal PTZ system	DS-2TD6166-75B2L	supported by specification
Hikvision Thermal PTZ system	DS-2TD8100-150SIM	supported by specification
Hikvision Thermal PTZ system	DS-2TD8166-150ZE2F	supported by specification
Hikvision Fixed Dome Camera	DS-2XC6122FDW-IS	supported by specification
Hikvision Anti-Corrosion Camera	DS-2XC6122FWD-IS	supported by specification
Hikvision Fixed Dome Camera	DS-2XC6142FDW-IS	supported by specification
Hikvision Anti-Corrosion Camera	DS-2XC6142FWD-IS	supported by specification
Hikvision Anti-Corrosion Camera	DS-2XC6224G0-L	supported by specification
Hikvision Anti-Corrosion Camera	DS-2XC6225G0-L	supported by specification

Integration Protocol: ISAPI

- Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs;
- Audio:** All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711, MP2L2, AAC codecs;
- EdgeStorage:** EdgeStorage Sync; EdgeStorage Gate (ONVIF protocol only and IPC4);
- Controls:** Pan, Tilt, Zoom/Zoom in on the selected area; Presets (Add/Update/Remove, Home preset); Tour (Add/Update/Remove); Wiper; Illumination; Sensors (inputs); Relays (outputs);
- Network:** Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Hikvision Anti-Corrosion Camera	DS-2XE6126FWD-HS	supported by specification
Hikvision Anti-Corrosion Camera	DS-2XE6146F-HS	supported by specification
Hikvision Anti-Corrosion Camera	DS-2XE6222F-IS	supported by specification
Hikvision Anti-Corrosion Camera	DS-2XE6242F-IS	supported by specification
Hikvision Anti-Corrosion Camera	DS-2XE6422FWD-IZHRS	supported by specification
Hikvision Anti-Corrosion Camera	DS-2XE6452F-IZHRS	supported by specification
Hikvision Fixed Mini-Dome Camera	DS-2XM6112FWD-I	supported by specification
Hikvision Fixed Mini-Dome Camera	DS-2XM6112FWD-IM	supported by specification
Hikvision Fixed Mini-Dome Camera	DS-2XM6122FWD-I	supported by specification
Hikvision Fixed Mini-Dome Camera	DS-2XM6122FWD-IM	supported by specification
Hikvision Anti-Corrosion Camera	DS-2XM6212FWD-I	supported by specification
Hikvision Anti-Corrosion Camera	DS-2XM6222FWD-I	supported by specification
Hikvision Anti-Corrosion Camera	DS-2XM6512WD-I	supported by specification
Hikvision Anti-Corrosion Camera	DS-2XM6522WD-I	supported by specification
Hikvision Fixed Mini-Dome Camera	DS-2XM6612FWD-I	supported by specification
Hikvision Fixed Mini-Dome Camera	DS-2XM6622FWD-I	supported by specification
Hikvision Fixed Bullet Camera	DS-2ZCN2312	supported by specification
Hikvision Smart Intercom	DS-KD3003-E6	supported by specification
Hikvision Smart Intercom	DS-KD8023-E6	supported by specification
Hikvision Smart Intercom	DS-KD8103-E6	supported by specification
Hikvision Smart Intercom	DS-KD9203-E6	supported by specification
Hikvision Smart Intercom	DS-KD9203-FE6	supported by specification
Hikvision Smart Intercom	DS-KD9203-FTE6	supported by specification
Hikvision Smart Intercom	DS-KD9203-TE6	supported by specification
Hikvision Smart Camera	iDS-2CD6024FWD/B	supported by specification
Hikvision Smart Camera	iDS-2CD6024FWD/F	supported by specification
Hikvision Smart Camera	iDS-2CD6024FWD-A/B	supported by specification
Hikvision Smart Camera	iDS-2CD6024FWD-A/F	supported by specification
Hikvision Smart Camera	iDS-2CD6124FWD-I/B	supported by specification
Hikvision Smart Camera	iDS-2CD6124FWD-I/C	supported by specification
Hikvision Smart Camera	iDS-2CD6124FWD-I/F	supported by specification
Hikvision Smart Camera	iDS-2CD6124FWD-I/H	supported by specification
Hikvision Smart Camera	iDS-2CD6124FWD-IZ/B	supported by specification
Hikvision Smart Camera	iDS-2CD6124FWD-IZ/C	supported by specification
Hikvision Smart Camera	iDS-2CD6124FWD-IZ/F	supported by specification
Hikvision Smart Camera	iDS-2CD6124FWD-IZ/H	supported by specification
Hikvision Smart Camera	iDS-2CD6233F/F	supported by specification
Hikvision Smart Camera	iDS-2CD6412FWD/C	supported by specification
Hikvision Smart Camera	iDS-2CD7026G0-(AP)	supported by specification
Hikvision Smart Camera	iDS-2CD7026G0/E-IHSY	supported by specification
Hikvision Smart Camera	iDS-2CD7046G0-(AP)/(F11)	supported by specification
Hikvision Smart Camera	iDS-2CD7046G0/E-IHSY(R)/(F11)	supported by specification
Hikvision Smart Camera	iDS-2CD7086G0-(AP)	supported by specification
Hikvision Smart Camera	iDS-2CD7086G0/E-IHSY(R)	supported by specification
Hikvision Smart Camera	iDS-2CD70C5G0-(AP)	supported by specification

Integration Protocol: ISAPI

- Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs;
- Audio:** All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711, MP2L2, AAC codecs;
- EdgeStorage:** EdgeStorage Sync; EdgeStorage Gate (ONVIF protocol only and IPC4);
- Controls:** Pan, Tilt, Zoom/Zoom in on the selected area; Presets (Add/Update/Remove, Home preset); Tour (Add/Update/Remove); Wiper; Illumination; Sensors (inputs); Relays (outputs);
- Network:** Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Hikvision Smart Camera	iDS-2CD70C5G0/E-IHSY	supported by specification
Hikvision Smart Camera	iDS-2CD7126G0-IZS	supported by specification
Hikvision Smart Camera	iDS-2CD7146G0-IZS	supported by specification
Hikvision Smart Camera	iDS-2CD7186G0-IZS	supported by specification
Hikvision Smart Camera	iDS-2CD71C5G0-IZS	supported by specification
Hikvision Smart Camera	iDS-2CD7526G0-IZHS	supported by specification
Hikvision Smart Camera	iDS-2CD7526G0-IZHSY(R)	supported by specification
Hikvision Smart Camera	iDS-2CD7546G0-IZHS	supported by specification
Hikvision Smart Camera	iDS-2CD7546G0-IZHSY(R)	supported by specification
Hikvision Smart Camera	iDS-2CD7586G0-IZHS	supported by specification
Hikvision Smart Camera	iDS-2CD7586G0-IZHSY(R)	supported by specification
Hikvision Smart Camera	iDS-2CD75C5G0-IZHS	supported by specification
Hikvision Smart Camera	iDS-2CD75C5G0-IZHSY(R)	supported by specification
Hikvision Smart Camera	iDS-2CD7A26G0-IZHS	supported by specification
Hikvision Smart Camera	iDS-2CD7A26G0-IZHSY(R)	supported by specification
Hikvision Smart Camera	iDS-2CD7A46G0-IZHS	supported by specification
Hikvision Smart Camera	iDS-2CD7A46G0-IZHSY(R)	supported by specification
Hikvision Smart Camera	iDS-2CD7A86G0-IZHS	supported by specification
Hikvision Smart Camera	iDS-2CD7A86G0-IZHSY(R)	supported by specification
Hikvision Smart Camera	iDS-2CD7AC5G0-IZHS	supported by specification
Hikvision Smart Camera	iDS-2CD7AC5G0-IZHSY(R)	supported by specification
Hikvision Smart Camera	iDS-2CD8426G0/B-I	supported by specification
Hikvision Smart Camera	iDS-2CD8426G0/F-I	supported by specification
Hikvision Smart Camera	iDS-TCM203-A/R/0832	supported by specification
Hikvision Smart Camera	iDS-TCM203-A/R/2812	supported by specification

Integration Protocol: ONVIF

Video: All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs; UDP/TCP protocols;

Audio: All channels available in device; Microphone (audio-in); G.711, AAC codecs;

EdgeStorage: EdgeStorage Sync and EdgeStorage Gate for h264 or h265 codecs for IPv4 only

Controls: Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only); Sensors (inputs); Relays (outputs);

Network: Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Versions: 32-bit and 64-bit (64-bit version is available in SecurOS Premium and higher);

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Protocol: RTSP (support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Honeywell IP Dome Camera	H2D2PR1	supported by specification
Honeywell IP Micro-Dome Camera	H2S1P6	supported by specification
Honeywell IP Micro-Dome Camera	H2S1P6X	supported by specification
Honeywell IP Micro-Dome Camera	H2S2P6	supported by specification
Honeywell IP Micro-Dome Camera	H2S2P6X	supported by specification
Honeywell IP Micro-Dome Camera	H2W2PRV3	supported by specification
Honeywell IP Micro-Dome Camera	H2W4PRV3	supported by specification
Honeywell IP Mini-Dome Camera	H3D1F1	supported by specification
Honeywell IP Mini-Dome Camera	H3D1F1X	supported by specification
Honeywell IP Mini-Dome Camera	H3D1F2	supported by specification
Honeywell IP Mini-Dome Camera	H3D1F2X	supported by specification
Honeywell IP Mini-Dome Camera	H3D1F3	supported by specification
Honeywell IP Mini-Dome Camera	H3D1F3X	supported by specification
Honeywell IP Mini-Dome Camera	H3D2F1	supported by specification
Honeywell IP Mini-Dome Camera	H3D2F1X	FW 40.0.6
Honeywell IP Mini-Dome Camera	H3D2F2	supported by specification
Honeywell IP Mini-Dome Camera	H3D2S2	supported by specification
Honeywell IP Mini-Dome Camera	H3D2S2X	supported by specification
Honeywell IP Mini-Dome Camera	H3D2SR2	supported by specification
Honeywell IP Mini-Dome Camera	H3D2SR2X	supported by specification
Honeywell IP Mini-Dome Camera	H3D3S2	supported by specification
Honeywell IP Mini-Dome Camera	H3D3S2X	supported by specification
Honeywell IP Mini-Dome Camera	H3D3SR2	supported by specification
Honeywell IP Mini-Dome Camera	H3D3SR2X	supported by specification
Honeywell IP Mini-Dome Camera	H3D5S2	supported by specification
Honeywell IP Mini-Dome Camera	H3D5S2X	supported by specification
Honeywell IP Mini-Dome Camera	H3D5SR2	supported by specification
Honeywell IP Mini-Dome Camera	H3D5SR2X	supported by specification
Honeywell IP Mini-Dome Camera	H3S1P1	supported by specification
Honeywell IP Mini-Dome Camera	H3S1P1X	FW 40.0.6
Honeywell IP Mini-Dome Camera	H3SVP1	supported by specification
Honeywell IP Mini-Dome Camera	H3W1F1	supported by specification
Honeywell IP Mini-Dome Camera	H3W1F1X	FW 40.0.6
Honeywell IP Mini-Dome Camera	H4D1F1	supported by specification
Honeywell IP Mini-Dome Camera	H4D1F1X	FW 40.0.6
Honeywell IP Mini-Dome Camera	H4D1F2	supported by specification
Honeywell IP Mini-Dome Camera	H4D1F2X	supported by specification
Honeywell IP Mini-Dome Camera	H4D1F3	supported by specification
Honeywell IP Mini-Dome Camera	H4D1F3X	supported by specification
Honeywell IP Mini-Dome Camera	H4D1FR1	supported by specification
Honeywell IP Mini-Dome Camera	H4D1FR1X	FW 41.1.0

Integration Protocol: ONVIF

Video: All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs; UDP/TCP protocols;

Audio: All channels available in device; Microphone (audio-in); G.711, AAC codecs;

EdgeStorage: EdgeStorage Sync and EdgeStorage Gate for h264 or h265 codecs for IPv4 only

Controls: Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only); Sensors (inputs); Relays (outputs);

Network: Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Versions: 32-bit and 64-bit (64-bit version is available in SecurOS Premium and higher);

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Protocol: RTSP (support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Honeywell IP Mini-Dome Camera	H4D2S2	supported by specification
Honeywell IP Mini-Dome Camera	H4D2S2X	supported by specification
Honeywell IP Mini-Dome Camera	H4D3PRV2	supported by specification
Honeywell IP Mini-Dome Camera	H4D3PRV3	supported by specification
Honeywell IP Mini-Dome Camera	H4D3S2	supported by specification
Honeywell IP Mini-Dome Camera	H4D3S2X	supported by specification
Honeywell IP Mini-Dome Camera	H4D5S2	supported by specification
Honeywell IP Mini-Dome Camera	H4D5S2X	supported by specification
Honeywell IP Mini-Dome Camera	H4D8GR1	supported by specification
Honeywell IP PTZ Dome Camera	H4L6GR2	supported by specification
Honeywell IP Mini-Dome Camera	H4S1P1	supported by specification
Honeywell IP Mini-Dome Camera	H4S1P1X	FW 40.0.6
Honeywell IP Mini-Dome Camera	H4SVP1	supported by specification
Honeywell IP Mini-Dome Camera	H4W1F1	supported by specification
Honeywell IP Mini-Dome Camera	H4W1F1X	FW 40.0.6
Honeywell IP Mini-Dome Camera	H4W2PRV2	supported by specification
Honeywell IP Mini-Dome Camera	H4W4PRV2	supported by specification
Honeywell IP Mini-Dome Camera	H4W4PRV3	supported by specification
Honeywell IP Bullet Camera	HB30XD2	supported by specification
Honeywell IP Bullet Camera	HB42XD2	supported by specification
Honeywell IP Bullet Camera	HBD1PR1	supported by specification
Honeywell IP Bullet Camera	HBD1PR1	supported by specification
Honeywell IP Bullet Camera	HBD2FR1	supported by specification
Honeywell IP Bullet Camera	HBD2FR1X	FW 41.2.0
Honeywell IP Bullet Camera	HBD2FR2	supported by specification
Honeywell IP Bullet Camera	HBD2FR2X	supported by specification
Honeywell IP Bullet Camera	HBD2PR1	supported by specification
Honeywell IP Bullet Camera	HBD3PR1	supported by specification
Honeywell IP Bullet Camera	HBD3PR2	supported by specification
Honeywell IP Bullet Camera	HBD8GR1	supported by specification
Honeywell IP Bullet Camera	HBL6GR2	supported by specification
Honeywell IP Bullet Camera	HBW2PR1	supported by specification
Honeywell IP Bullet Camera	HBW2PR1	supported by specification
Honeywell IP Bullet Camera	HBW2PR1	supported by specification
Honeywell IP Bullet Camera	HBW2PR2	supported by specification
Honeywell IP Bullet Camera	HBW4PR1	supported by specification
Honeywell IP Bullet Camera	HBW4PR1	supported by specification
Honeywell IP Bullet Camera	HBW4PR1	supported by specification
Honeywell IP Bullet Camera	HBW4PR2	supported by specification
Honeywell IP Box Camera	HCD1F	supported by specification
Honeywell IP Box Camera	HCD1FX	FW 40.0.6
Honeywell IP Box Camera	HCD2F	supported by specification

Integration Protocol: ONVIF

Video: All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs; UDP/TCP protocols;

Audio: All channels available in device; Microphone (audio-in); G.711, AAC codecs;

EdgeStorage: EdgeStorage Sync and EdgeStorage Gate for h264 or h265 codecs for IPv4 only

Controls: Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only); Sensors (inputs); Relays (outputs);

Network: Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Versions: 32-bit and 64-bit (64-bit version is available in SecurOS Premium and higher);

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Protocol: RTSP (support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Honeywell IP Box Camera	HCD2FX	FW 40.0.6
Honeywell IP Box Camera	HCD3S2	supported by specification
Honeywell IP Box Camera	HCD3S2X	supported by specification
Honeywell IP Box Camera	HCD5S2	supported by specification
Honeywell IP Box Camera	HCD5S2X	supported by specification
Honeywell IP Box Camera	HCD8G	supported by specification
Honeywell IP Box Camera	HCW1F	supported by specification
Honeywell IP Box Camera	HCW1FX	supported by specification
Honeywell IP Box Camera	HCW2S2	supported by specification
Honeywell IP Box Camera	HCW2S2X	supported by specification
Honeywell IP Mini-Dome Camera	HD40H	supported by specification
Honeywell IP Dome Camera	HD42XD2	supported by specification
Honeywell IP PTZ Dome Camera	HDZ20HDX	FW H20120808NSA
Honeywell IP PTZ Dome Camera	HDZ22HD	supported by specification
Honeywell IP PTZ Dome Camera	HDZ22HDE	supported by specification
Honeywell IP PTZ Dome Camera	HDZ22HDEX	supported by specification
Honeywell IP PTZ Dome Camera	HDZ22HDIN	supported by specification
Honeywell IP PTZ Dome Camera	HDZ22HDX	supported by specification
Honeywell IP PTZ Dome Camera	HDZ30	supported by specification
Honeywell IP PTZ Dome Camera	HDZ302D	supported by specification
Honeywell IP PTZ Dome Camera	HDZ302DE	supported by specification
Honeywell IP PTZ Dome Camera	HDZ302DIN	supported by specification
Honeywell IP PTZ Dome Camera	HDZ302LIK	supported by specification
Honeywell IP PTZ Dome Camera	HDZ302LIW	supported by specification
Honeywell IP PTZ Dome Camera	HDZ30HD	supported by specification
Honeywell IP PTZ Dome Camera	HDZ30HDE	supported by specification
Honeywell IP PTZ Dome Camera	HDZ30HDIN	supported by specification
Honeywell IP PTZ Dome Camera	HDZ30IN	supported by specification
Honeywell IP PTZ Dome Camera	HDZ36E	supported by specification
Honeywell IP PTZ Dome Camera	HDZP252DI	supported by specification
Honeywell IP PTZ Dome Camera	HDZP304DI	supported by specification
Honeywell IP PTZ Dome Camera	HDZP30XDP4	supported by specification
Honeywell IP Ball Camera	HE30XD2	supported by specification
Honeywell IP Ball Camera	HE30XD2G	supported by specification
Honeywell IP Ball Camera	HE42XD2	supported by specification
Honeywell IP Ball Camera	HE42XD2G	supported by specification
Honeywell IP Ball Camera	HED1PR3	supported by specification
Honeywell IP Ball Camera	HED3PR3	supported by specification
Honeywell IP PTZ Dome Camera	HEPZ302W0	supported by specification
Honeywell IP Ball Camera	HEW2PR1	supported by specification
Honeywell IP Ball Camera	HEW2PR2	supported by specification
Honeywell IP Ball Camera	HEW2PRW1	supported by specification

Integration Protocol: ONVIF

Video: All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs; UDP/TCP protocols;

Audio: All channels available in device; Microphone (audio-in); G.711, AAC codecs;

EdgeStorage: EdgeStorage Sync and EdgeStorage Gate for h264 or h265 codecs for IPv4 only

Controls: Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only); Sensors (inputs); Relays (outputs);

Network: Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Versions: 32-bit and 64-bit (64-bit version is available in SecurOS Premium and higher);

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Protocol: RTSP (support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Honeywell IP Ball Camera	HEW2PRW2	supported by specification
Honeywell IP Ball Camera	HEW4PR2	supported by specification
Honeywell IP Ball Camera	HEW4PR3	supported by specification
Honeywell IP Ball Camera	HEW4PRW2	supported by specification
Honeywell IP Ball Camera	HEW4PRW3	supported by specification
Honeywell IP Dome Camera	HM4L8GR1	supported by specification
Honeywell IP Bullet Camera	HMBL8GR1	supported by specification
Honeywell IP Height Strip Camera	HSW2G1	supported by specification
Honeywell IP PTZ Camera	HDZP252DI	supported by specification
Honeywell IP PTZ Camera	HDZP304DI	supported by specification
Honeywell IP Dome Camera	HEW4PER2	supported by specification
Honeywell IP Dome Camera	HEW4PER2B	supported by specification
Honeywell IP Dome Camera	HEW2PER2	supported by specification
Honeywell IP Dome Camera	HEW4PER3	supported by specification
Honeywell IP Dome Camera	HEW4PER3B	supported by specification
Honeywell IP Dome Camera	HED2PER3	supported by specification
Honeywell IP Dome Camera	HEW2PER3	supported by specification
Honeywell IP Panoram Camera	HFD5PR1	supported by specification
Honeywell IP Compact Camera	H2W2PER3	supported by specification
Honeywell IP Compact Camera	H2W4PER3	supported by specification
Honeywell IP Dome Camera	H4W8PR2	supported by specification
Honeywell IP Dome Camera	H4W4PER2	supported by specification
Honeywell IP Dome Camera	H4W4PER3	supported by specification
Honeywell IP Dome Camera	H4W2PER2	supported by specification
Honeywell IP Bullet Camera	HBW8PR2	supported by specification
Honeywell IP Bullet Camera	HBD2PER1	supported by specification
Honeywell IP Bullet Camera	HBW2PER1	supported by specification
Honeywell IP Bullet Camera	HBW2PER2	supported by specification
Honeywell IP Bullet Camera	HBW4PER1	supported by specification
Honeywell IP Bullet Camera	HBW4PER2	supported by specification

Integration Protocol: RTSP

Video: All channels available in device; up to 3 streams; H.264, MJPEG codecs;

Audio: All channels available in device; One-way (in); G.711 codec;

Versions: 32-bit and 64-bit (64-bit version is available in SecurOS Premium and higher);

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Honeywell IP Box Camera	HCD554IP	supported by specification
Honeywell IP Box Camera	HCD5HIH	supported by specification
Honeywell IP Box Camera	HCD5HIHX	supported by specification
Honeywell IP Box Camera	HCD5MIH	supported by specification
Honeywell IP Box Camera	HCD5MIHX	supported by specification
Honeywell IP Box Camera	HCD5WIH	supported by specification
Honeywell IP Box Camera	HCD5WIHX	supported by specification
Honeywell IP Mini-Dome Camera	HD3HDIH	supported by specification
Honeywell IP Mini-Dome Camera	HD3HDIHX	supported by specification
Honeywell IP Mini-Dome Camera	HD3MDIH	supported by specification
Honeywell IP Mini-Dome Camera	HD3MDIH01	supported by specification
Honeywell IP Mini-Dome Camera	HD3MDIH01X	supported by specification
Honeywell IP Mini-Dome Camera	HD3MDIH02	supported by specification
Honeywell IP Mini-Dome Camera	HD3MDIH02X	supported by specification
Honeywell IP Mini-Dome Camera	HD3MDIHX	supported by specification
Honeywell IP Mini-Dome Camera	HD3MDIP	supported by specification
Honeywell IP Mini-Dome Camera	HD3MDIPX	supported by specification
Honeywell IP Mini-Dome Camera	HD3MWIH	supported by specification
Honeywell IP Mini-Dome Camera	HD3MWIHX	supported by specification
Honeywell IP Mini-Dome Camera	HD44IP	supported by specification
Honeywell IP Mini-Dome Camera	HD45IP	supported by specification
Honeywell IP Mini-Dome Camera	HD4DIP	supported by specification
Honeywell IP Mini-Dome Camera	HD4DIPX	supported by specification
Honeywell IP Mini-Dome Camera	HD4HDIH	supported by specification
Honeywell IP Mini-Dome Camera	HD4HDIHX	supported by specification
Honeywell IP Mini-Dome Camera	HD4MDIH	supported by specification
Honeywell IP Mini-Dome Camera	HD4MDIH01	supported by specification
Honeywell IP Mini-Dome Camera	HD4MDIH01X	supported by specification
Honeywell IP Mini-Dome Camera	HD4MDIH02	supported by specification
Honeywell IP Mini-Dome Camera	HD4MDIH02X	supported by specification
Honeywell IP Mini-Dome Camera	HD4MDIHX	supported by specification
Honeywell IP Mini-Dome Camera	HD4MDIP	supported by specification
Honeywell IP Mini-Dome Camera	HD4MDIPX	supported by specification
Honeywell IP Mini-Dome Camera	HD4MWIH	supported by specification
Honeywell IP Mini-Dome Camera	HD4MWIHX	supported by specification
Honeywell IP Mini-Dome Camera	HD54IP	supported by specification
Honeywell IP Mini-Dome Camera	HD55IP	supported by specification
Honeywell IP Mini-Dome Camera	HD55IPX	supported by specification

Integration protocol: ONVIF

Video: Up to 3 streams; H.265, H.264, MJPEG codecs

Audio: Microphone (audio-in); G.711, AAC codecs

EdgeStorage: EdgeStorage Sync and EdgeStorage Gate for h264 or h265 codecs

Controls: Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only); Sensors (inputs); Relays (outputs)

Network: Multicast/Unicast; Basic or Digest Authentication; HTTP/HTTPS; IPv4/IPv6; UDP/TCP

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Huawei SDC C Series	C1220	supported by specification
Huawei SDC C Series	C2120	supported by specification
Huawei SDC C Series	C2121	supported by specification
Huawei SDC C Series	C2140	supported by specification
Huawei SDC C Series	C2141	supported by specification
Huawei SDC C Series	C2150	supported by specification
Huawei SDC C Series	C2181	supported by specification
Huawei SDC C Series	C3020	supported by specification
Huawei SDC C Series	C3040	supported by specification
Huawei SDC C Series	C3050	supported by specification
Huawei SDC C Series	C3220	supported by specification
Huawei SDC C Series	C3221	supported by specification
Huawei SDC C Series	C3250	ver.8.1.1
Huawei SDC C Series	C6620	supported by specification
Huawei SDC C Series	C6650	supported by specification
Huawei SDC D Series	D2020	supported by specification
Huawei SDC D Series	D2050	supported by specification
Huawei SDC D Series	D2120	supported by specification
Huawei SDC D Series	D2150	supported by specification
Huawei SDC D Series	D3020	supported by specification
Huawei SDC D Series	D3050	supported by specification
Huawei SDC D Series	D3220	supported by specification
Huawei SDC D Series	D3250	supported by specification
Huawei SDC M Series	M1220	supported by specification
Huawei SDC M Series	M1221	supported by specification
Huawei SDC M Series	M1241	supported by specification
Huawei SDC M Series	M1281	supported by specification
Huawei SDC M Series	M2120	supported by specification
Huawei SDC M Series	M2121	supported by specification
Huawei SDC M Series	M2122	supported by specification
Huawei SDC M Series	M2140	supported by specification
Huawei SDC M Series	M2141	supported by specification
Huawei SDC M Series	M2150	ver.8.0.2
Huawei SDC M Series	M2220	supported by specification
Huawei SDC M Series	M2221	supported by specification
Huawei SDC M Series	M2241	supported by specification
Huawei SDC M Series	M2260	supported by specification
Huawei SDC M Series	M2280	supported by specification
Huawei SDC M Series	M2281	supported by specification
Huawei SDC M Series	M2331	supported by specification
Huawei SDC M Series	M2391	supported by specification
Huawei SDC M Series	M3220	supported by specification
Huawei SDC M Series	M3221	supported by specification
Huawei SDC M Series	M3241	supported by specification
Huawei SDC M Series	M3250	supported by specification
Huawei SDC M Series	M6620	supported by specification

Integration protocol: ONVIF

Video: Up to 3 streams; H.265, H.264, MJPEG codecs

Audio: Microphone (audio-in); G.711, AAC codecs

EdgeStorage: EdgeStorage Sync and EdgeStorage Gate for h264 or h265 codecs

Controls: Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only); Sensors (inputs); Relays (outputs)

Network: Multicast/Unicast; Basic or Digest Authentication; HTTP/HTTPS; IPv4/IPv6; UDP/TCP

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Huawei SDC M Series	M6681	supported by specification
Huawei SDC M Series	M6721	ver.8.2.0
Huawei SDC M Series	M6741	ver.8.2.0
Huawei SDC M Series	M6781	supported by specification
Huawei SDC M Series	M7341	supported by specification
Huawei SDC M Series	M7641	supported by specification
Huawei SDC M Series	M8542	supported by specification
Huawei SDC M Series	M8544	supported by specification
Huawei SDC M Series	M9341	supported by specification
Huawei SDC X Series	X1221	supported by specification
Huawei SDC X Series	X1281	supported by specification
Huawei SDC X Series	X2221	supported by specification
Huawei SDC X Series	X2222	supported by specification
Huawei SDC X Series	X2241	supported by specification
Huawei SDC X Series	X2281	supported by specification
Huawei SDC X Series	X2331	supported by specification
Huawei SDC X Series	X2391	supported by specification
Huawei SDC X Series	X3221	supported by specification
Huawei SDC X Series	X6621	supported by specification
Huawei SDC X Series	X6721	supported by specification
Huawei SDC X Series	X6781	supported by specification
Huawei SDC X Series	X6921	supported by specification
Huawei SDC X Series	X6981	supported by specification
Huawei SDC X Series	X7341	supported by specification
Huawei SDC X Series	X8341	supported by specification

Integration Protocol: GenericRTSP (common protocol)

Video: All channels available in device; up to 3 streams; H.264, MPEG-4, MJPEG codecs;

Audio: All channels available in device; One-way (in); G.711 codec;

Versions: 32-bit and 64-bit (64-bit version is available in SecurOS Premium and higher);

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
IQinVision Fixed Box Camera	IQ030SI	supported by specification
IQinVision Fixed Box Camera	IQ031SI	supported by specification
IQinVision Fixed Box Camera	IQ032SI	supported by specification
IQinVision Fixed Box Camera	IQ761NI	supported by specification
IQinVision Fixed Box Camera	IQ761WI	supported by specification
IQinVision Fixed Box Camera	IQ762NI	supported by specification
IQinVision Fixed Box Camera	IQ762WI	supported by specification
IQinVision Fixed Box Camera	IQ763NI	supported by specification
IQinVision Fixed Box Camera	IQ763WI	supported by specification
IQinVision Fixed Box Camera	IQ765NI	supported by specification
IQinVision Fixed Bullet Camera	IQ861NE	supported by specification
IQinVision Fixed Bullet Camera	IQ861WE	supported by specification
IQinVision Fixed Bullet Camera	IQ862NE	supported by specification
IQinVision Fixed Bullet Camera	IQ862WE	supported by specification
IQinVision Fixed Bullet Camera	IQ863NE	supported by specification
IQinVision Fixed Bullet Camera	IQ863WE	supported by specification
IQinVision Fixed Bullet Camera	IQ865NE	supported by specification
IQinVision Fixed Dome Camera	IQA30N	supported by specification
IQinVision Fixed Dome Camera	IQA31N	supported by specification
IQinVision Fixed Dome Camera	IQA31W	supported by specification
IQinVision Fixed Dome Camera	IQA32N	supported by specification
IQinVision Fixed Dome Camera	IQA32W	supported by specification
IQinVision Fixed Dome Camera	IQA33N	ver.3.3/8
IQinVision Fixed Dome Camera	IQA33W	supported by specification
IQinVision Fixed Dome Camera	IQA35N	supported by specification
IQinVision Fixed Dome Camera	IQD30SV	supported by specification
IQinVision Fixed Dome Camera	IQD31SV	supported by specification
IQinVision Fixed Dome Camera	IQD32SV	supported by specification
IQinVision Fixed Dome Camera	IQM30NE-B5	supported by specification
IQinVision Fixed Dome Camera	IQM31NE-B5	supported by specification
IQinVision Fixed Dome Camera	IQM32NE-B5	ver.3.4/2

Integration Protocol: ONVIF

Video: All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs; UDP/TCP protocols;

Audio: All channels available in device; Microphone (audio-in); G.711, AAC codecs;

EdgeStorage: EdgeStorage Sync and EdgeStorage Gate for h264 or h265 codecs for IPv4 only

Controls: Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only); Sensors (inputs); Relays (outputs);

Network: Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Supported Protocols: RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
J2000 Fixed Box Camera	J2000-B111-PDN	supported by specification
J2000 Fixed Box Camera	J2000-B112-PDN	supported by specification
J2000 Fixed Box Camera	J2000-B120-PDN	supported by specification
J2000 Fixed Box Camera	J2000-C110	supported by specification
J2000 Fixed Box Camera	J2000-C110-WF	supported by specification
J2000 Fixed Box Camera	J2000-C111	ver.1.0.28
J2000 Fixed Box Camera	J2000-C111-WF	supported by specification
J2000 Fixed Dome Camera	J2000-D111-Ir1DN	supported by specification
J2000 Fixed Dome Camera	J2000-D112-Ir1DN	supported by specification
J2000 Fixed Dome Camera	J2000-DWV111-PDN	supported by specification
J2000 Fixed Dome Camera	J2000-DWV112-PDN	supported by specification
J2000 Fixed Dome Camera	J2000-DWV120-Ir1DN	supported by specification
J2000 Fixed Dome Camera	J2000-DWV121-Lr1DN	ver.1.6
J2000 Fixed Dome Camera	J2000-HDIP14Di20P (2,8-12)	supported by specification
J2000 Fixed Bullet Camera	J2000-HDIP14Pi25P (3,6)	supported by specification
J2000 Fixed Bullet Camera	J2000-HDIP14Pvi40P (2,8-12)	supported by specification
J2000 Fixed Bullet Camera	J2000-HDIP14Pvi40P (2,8-12)	supported by specification
J2000 Fixed Dome Camera	J2000-HDIP24Di20A (2,8-12)	ver.6.1.25.1
J2000 Fixed Dome Camera	J2000-HDIP24Di20P (2,8-12)	ver.6.1.25.1
J2000 Fixed Dome Camera	J2000-HDIP24Di20PA (3,6)	ver.114
J2000 Fixed Dome Camera	J2000-HDIP24Dpi20 (2,8)	ver.6.1.25.1
J2000 Fixed Dome Camera	J2000-HDIP24Dvi20 (3,6)	ver.6.1.25.1
J2000 Fixed Dome Camera	J2000-HDIP24Dvi30PA (2,8-12)	ver.114
J2000 Fixed Bullet Camera	J2000-HDIP24Pi25P (3,6)	ver.6.1.25.1
J2000 Fixed Bullet Camera	J2000-HDIP24Pi25PA (3,6)	ver.114
J2000 Fixed Bullet Camera	J2000-HDIP24Pvi30PA (3,6)	ver.114
J2000 Fixed Bullet Camera	J2000-HDIP24Pvi40P (2,8-12)	ver.6.1.25.1
J2000 Fixed Bullet Camera	J2000-HDIP24Pvi40PA (2,8-12)	ver.114
J2000 Fixed Bullet Camera	J2000-HDIP2B50Full (2,8-12)	supported by specification
J2000 Fixed Dome Camera	J2000-HDIP2D15Full (2,8-12)	supported by specification
J2000 Fixed Dome Camera	J2000-HDIP2D15Full (3,6)	supported by specification
J2000 Fixed Dome Camera	J2000-HDIP2D30Full (2,8-12)	supported by specification
J2000 Fixed Dome Camera	J2000-HDIP2Dm20PA (2,8)	supported by specification
J2000 Fixed Dome Camera	J2000-HDIP2Dm20PA (3,6)	supported by specification
J2000 Fixed Dome Camera	J2000-HDIP2Dm30P (2,8-12) L.1	supported by specification
J2000 Fixed Dome Camera	J2000-HDIP2Dm30PA (2,8-12)	supported by specification
J2000 Fixed Dome Camera	J2000-HDIP2Dp20P (2,8-12)	supported by specification
J2000 Fixed Dome Camera	J2000-HDIP2Dp20PA (2,8-12)	supported by specification
J2000 Fixed Dome Camera	J2000-HDIP2Dp20PA (3,6)	supported by specification
J2000 Fixed Box Camera	J2000-HDIP2HFull	supported by specification
J2000 Fixed Cube Camera	J2000-HDIP2MSP (2,8)	supported by specification
J2000 PTZ Dome Camera	J2000-HDIP2S10xFull	supported by specification
J2000 PTZ Dome Camera	J2000-HDIP2S20xFull	supported by specification

Integration Protocol: ONVIF

Video: All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs; UDP/TCP protocols;

Audio: All channels available in device; Microphone (audio-in); G.711, AAC codecs;

EdgeStorage: EdgeStorage Sync and EdgeStorage Gate for h264 or h265 codecs for IPv4 only

Controls: Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only); Sensors (inputs); Relays (outputs);

Network: Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Supported Protocols: RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
J2000 PTZ Dome Camera	J2000-HDIP2S30xFull	supported by specification
J2000 Fixed Bullet Camera	J2000-HDIP3B50Full (2,8-12)	supported by specification
J2000 Fixed Dome Camera	J2000-HDIP3D30Full (2,8-12)	supported by specification
J2000 Fixed Dome Camera	J2000-HDIP3D30Full (2,8-12)	supported by specification
J2000 Fixed Box Camera	J2000-HDIP3HFull	supported by specification
J2000 Fixed Box Camera	J2000-HDIP3HFull	supported by specification
J2000 Fixed Bullet Camera	J2000-HDIP4B40P (2,8-12)	supported by specification
J2000 Fixed Bullet Camera	J2000-HDIP4B50Full (2,8-12)	supported by specification
J2000 Fixed Bullet Camera	J2000-HDIP4B50Full (2,8-12)	supported by specification
J2000 Fixed Dome Camera	J2000-HDIP4D30Full (2,8-12)	supported by specification
J2000 Fixed Dome Camera	J2000-HDIP4D30Full (2,8-12)	supported by specification
J2000 Fixed Dome Camera	J2000-HDIP4Dm30P (2,8-12)	supported by specification
J2000 Fixed Dome Camera	J2000-HDIP4Dm30P (2,8-12) v.1	supported by specification
J2000 Fixed Dome Camera	J2000-HDIP4DPA (2,8)	supported by specification
J2000 Fixed Dome Camera	J2000-HDIP4DPA (3,6)	supported by specification
J2000 Fixed Box Camera	J2000IP-B121-PDN	ver.1.6
J2000 Fixed Box Camera	J2000IP-B130-PDN	supported by specification
J2000 Fixed Box Camera	J2000IP-C110-P	supported by specification
J2000 PTZ Camera	J2000IP-CmPTZ-111v2.0	supported by specification
J2000 Fixed Dome Camera	J2000IP-D111-Ir1-PDN	supported by specification
J2000 Fixed Dome Camera	J2000IP-D113-Ir1-PDN	supported by specification
J2000 Fixed Dome Camera	J2000IP-D113-Ir1-PDN	supported by specification
J2000 Fixed Dome Camera	J2000IP-DWV113-Ir1-PDN	supported by specification
J2000 Fixed Dome Camera	J2000IP-DWV121-Ir1-PDN	supported by specification
J2000 Fixed Dome Camera	J2000IP-DWV312-Ir3-PDN	supported by specification
J2000 Fixed Dome Camera	J2000IP-mDWV113-Ir1-PDN	supported by specification
J2000 Fixed Bullet Camera	J2000IP-PW213-Ir4-24PDN	supported by specification
J2000 Fixed Bullet Camera	J2000IP-PWH313-Ir5-PDN	supported by specification
J2000 Fixed Dome Camera	J2000-mDWV111-Ir1-PDN	ver.1.6
J2000 Fixed Dome Camera	J2000-mDWV112-Ir1-PDN	supported by specification
J2000 Fixed Box Camera	J2000-PW112-Ir4DN	supported by specification
J2000 Fixed Box Camera	J2000-PW120-Ir4DN	supported by specification
J2000 Fixed Box Camera	J2000-PW121-Ir4DN	supported by specification
J2000 Fixed Box Camera	J2000-PWH121-Ir4-PDN	ver.1.6
J2000 Fixed Box Camera	J2000-PWH312-Ir3-PDN	supported by specification
J2000 PTZ Dome Camera	J2000-SDW120-24x30DN	ver.1.6
J2000 PTZ Dome Camera	J2000-SDW120-24x36DN	supported by specification
J2000 PTZ Dome Camera	J2000-SDW121-24x18DN	supported by specification

Integration Protocol: ONVIF

Video: All channels available in device; up to 3 streams; H.264, MJPEG codecs;

Audio: All channels available in device; One-way (in); G.711 codec;

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Protocols: RTSP (support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
LTV IP E-series	LTV CNE-130 22	supported by specification
LTV IP E-series	LTV CNE-230 22	supported by specification
LTV IP E-series	LTV CNE-431 00	tested by partner
LTV IP E-series	LTV CNE-440 00	supported by specification
LTV IP E-series	LTV CNE-450 00	tested by partner
LTV IP E-series	LTV CNE-610 42	supported by specification
LTV IP E-series	LTV CNE-611 42	supported by specification
LTV IP E-series	LTV CNE-620 48	supported by specification
LTV IP E-series	LTV CNE-621 41	supported by specification
LTV IP E-series	LTV CNE-621 42	supported by specification
LTV IP E-series	LTV CNE-621 42	supported by specification
LTV IP E-series	LTV CNE-622 48	supported by specification
LTV IP E-series	LTV CNE-630 42	tested by partner
LTV IP E-series	LTV CNE-630 48	ver.3.4.2
LTV IP E-series	LTV CNE-630 4G	ver.3.4.2.1
LTV IP E-series	LTV CNE-631 42	tested by partner
LTV IP E-series	LTV CNE-631 48	tested by partner
LTV IP E-series	LTV CNE-631 4G	tested by partner
LTV IP E-series	LTV CNE-632 41	supported by specification
LTV IP E-series	LTV CNE-632 42	supported by specification
LTV IP E-series	LTV CNE-632 48	supported by specification
LTV IP E-series	LTV CNE-640 41	supported by specification
LTV IP E-series	LTV CNE-640 42	tested by partner
LTV IP E-series	LTV CNE-640 48	tested by partner
LTV IP E-series	LTV CNE-640 58	supported by specification
LTV IP E-series	LTV CNE-650 48	tested by partner
LTV IP E-series	LTV CNE-820 48	supported by specification
LTV IP E-series	LTV CNE-830 42	ver.3.4.2
LTV IP E-series	LTV CNE-830 48	tested by partner
LTV IP E-series	LTV CNE-831 42	tested by partner
LTV IP E-series	LTV CNE-831 48	tested by partner
LTV IP E-series	LTV CNE-832 41	supported by specification
LTV IP E-series	LTV CNE-832 42	supported by specification
LTV IP E-series	LTV CNE-832 48	supported by specification
LTV IP E-series	LTV CNE-840 41	supported by specification
LTV IP E-series	LTV CNE-840 42	tested by partner
LTV IP E-series	LTV CNE-840 48	tested by partner
LTV IP E-series	LTV CNE-840 58	supported by specification
LTV IP E-series	LTV CNE-850 48	tested by partner
LTV IP E-series	LTV CNE-910 42	supported by specification
LTV IP E-series	LTV CNE-911 42	supported by specification
LTV IP E-series	LTV CNE-920 48	supported by specification
LTV IP E-series	LTV CNE-921 41	supported by specification
LTV IP E-series	LTV CNE-921 42	supported by specification
LTV IP E-series	LTV CNE-922 48	supported by specification
LTV IP E-series	LTV CNE-930 48	ver.3.4.2
LTV IP E-series	LTV CNE-931 42	supported by specification
LTV IP E-series	LTV CNE-931 48	tested by partner
LTV IP E-series	LTV CNE-932 41	supported by specification
LTV IP E-series	LTV CNE-932 42	supported by specification
LTV IP E-series	LTV CNE-932 48	supported by specification
LTV IP E-series	LTV CNE-940 48	tested by partner

Integration Protocol: ONVIF

Video: All channels available in device; up to 3 streams; H.264, MJPEG codecs;

Audio: All channels available in device; One-way (in); G.711 codec;

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Protocols: RTSP (support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
LTV IP E-series	LTV CNE-940 58	supported by specification
LTV IP L-series	LTV CNL-620 48	tested by partner
LTV IP L-series	LTV CNL-630 48	tested by partner
LTV IP L-series	LTV CNL-720 48	tested by partner
LTV IP L-series	LTV CNL-730 48	tested by partner
LTV IP L-series	LTV CNL-920 48	tested by partner
LTV IP L-series	LTV CNL-930 48	tested by partner
LTV IP M-series	LTV CNM-120 22	supported by specification
LTV IP M-series	LTV CNM-220 22	tested by partner
LTV IP M-series	LTV CNM-220 24	ver. 5.3.0 build 150715
LTV IP M-series	LTV CNM-220 62	ver. 5.3.0 build 150715
LTV IP M-series	LTV CNM-220 64	tested by partner
LTV IP M-series	LTV CNM-221 22	supported by specification
LTV IP M-series	LTV CNM-221 24	supported by specification
LTV IP M-series	LTV CNM-221 62	supported by specification
LTV IP M-series	LTV CNM-221 64	supported by specification
LTV IP M-series	LTV CNM-310 41	tested by partner
LTV IP M-series	LTV CNM-310 42	ver. 5.3.0 build 150605
LTV IP M-series	LTV CNM-320 C1	supported by specification
LTV IP M-series	LTV CNM-320 C2	supported by specification
LTV IP M-series	LTV CNM-410 00	tested by partner
LTV IP M-series	LTV CNM-420 00	ver. 5.3.0 build 150605
LTV IP M-series	LTV CNM-610 42	ver. 5.3.0 build 150623
LTV IP M-series	LTV CNM-610 44	tested by partner
LTV IP M-series	LTV CNM-610 48	ver. 5.3.0 build 150605
LTV IP M-series	LTV CNM-620 42	tested by partner
LTV IP M-series	LTV CNM-620 44	tested by partner
LTV IP M-series	LTV CNM-620 48	tested by partner
LTV IP M-series	LTV CNM-625 48	supported by specification
LTV IP M-series	LTV CNM-710 48	tested by partner
LTV IP M-series	LTV CNM-720 48	ver. 5.1.7 build 140528
LTV IP M-series	LTV CNM-810 41	tested by partner
LTV IP M-series	LTV CNM-810 42	tested by partner
LTV IP M-series	LTV CNM-810 44	tested by partner
LTV IP M-series	LTV CNM-810 48	ver. 5.3.0 build 150605
LTV IP M-series	LTV CNM-815 41	tested by partner
LTV IP M-series	LTV CNM-815 42	tested by partner
LTV IP M-series	LTV CNM-815 44	tested by partner
LTV IP M-series	LTV CNM-820 41	ver. 5.3.0 build 150605
LTV IP M-series	LTV CNM-820 42	tested by partner
LTV IP M-series	LTV CNM-820 44	tested by partner
LTV IP M-series	LTV CNM-820 48	tested by partner
LTV IP M-series	LTV CNM-825 41	tested by partner
LTV IP M-series	LTV CNM-825 42	tested by partner
LTV IP M-series	LTV CNM-825 44	tested by partner
LTV PTZ IP Camera	LTV CNP-225 62	supported by specification
LTV IP T-series	LTV CNT-230 24	tested by partner
LTV IP T-series	LTV CNT-430 00	ver.1.02
LTV IP T-series	LTV CNT-450 00	ver.1.10
LTV IP T-series	LTV CNT-630 58	tested by partner

Integration Protocol: ONVIF

Video: All channels available in device; up to 3 streams; H.264, MJPEG codecs;

Audio: All channels available in device; One-way (in); G.711 codec;

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Protocols: RTSP (support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
LTV IP T-series	LTV CNT-630 5G	supported by specification
LTV IP T-series	LTV CNT-650 58	ver.1.10
LTV IP T-series	LTV CNT-730 58	ver.1.09
LTV IP T-series	LTV CNT-750 18	supported by specification
LTV IP T-series	LTV CNT-750 41	ver.1.10
LTV IP T-series	LTV CNT-750 G0	supported by specification
LTV IP T-series	LTV CNT-830 41	tested by partner
LTV IP T-series	LTV CNT-830 58	ver.1.09
LTV IP T-series	LTV CNT-850 58	ver.1.10
LTV PTZ system	LTV-Ex-20	supported by specification
LTV PTZ system	LTV-Ex-30	supported by specification
LTV PTZ system	LTV-Ex-TOR-20	supported by specification
LTV PTZ system	LTV-Ex-TOR-30	supported by specification
LTV IP Base	LTV ICCM1 B320 F3.8	ver.1044-1026-1031-1008
LTV IP Pro	LTV-ICDM1-423	supported by specification
LTV IP Pro	LTV-ICDM1-623LH-V3.3-12	supported by specification
LTV IP Pro	LTV-ICDM1-623LH-V3-9	ver.LTV01.2.1074.42
LTV IP Pro	LTV-ICDM1-723LH-V3.3-12	supported by specification
LTV IP Pro	LTV-ICDM1-723L-V3-9	ver.LTV01.2.1074.42
LTV IP Pro	LTV-ICDM1-723-V3.3-12	supported by specification
LTV IP Pro	LTV-ICDM1-723-V3-9	ver.LTV01.2.1080.42
LTV IP Pro	LTV-ICDM1-823H-V3.3-12	supported by specification
LTV IP Pro	LTV-ICDM1-823LH-V3-9	ver.LTV01.2.1084.42
LTV IP Base	LTV-ICDM1-B423L-F3.8	ver.1044-1026-1031-1008
LTV IP Base	LTV-ICDM1-B623L-F3.8	ver.1044-1026-1031-1008
LTV IP Base	LTV-ICDM1-B723L-F3.8	ver.1044-1026-1031-1008
LTV IP E-series	LTV-ICDM1-E4230	supported by specification
LTV IP E-series	LTV-ICDM1-E6230L-F4	supported by specification
LTV IP E-series	LTV-ICDM1-E6230L-F6	supported by specification
LTV IP E-series	LTV-ICDM1-E6231L-F4	supported by specification
LTV IP E-series	LTV-ICDM1-E6231L-F6	supported by specification
LTV IP E-series	LTV-ICDM1-E6231L-V.3-12	supported by specification
LTV IP E-series	LTV-ICDM1-E6231L-V3-10.5	supported by specification
LTV IP E-series	LTV-ICDM1-E6231L-V7-22	supported by specification
LTV IP E-series	LTV-ICDM1-E6235L-F3.6	supported by specification
LTV IP E-series	LTV-ICDM1-E8230L-F4	supported by specification
LTV IP E-series	LTV-ICDM1-E8230L-F6	supported by specification
LTV IP E-series	LTV-ICDM1-E8231L-F4	supported by specification
LTV IP E-series	LTV-ICDM1-E8231L-F6	supported by specification
LTV IP E-series	LTV-ICDM1-E8231L-V3.3-12	supported by specification
LTV IP E-series	LTV-ICDM1-E8231L-V3-10.5	supported by specification
LTV IP E-series	LTV-ICDM1-E9235L-F.6	supported by specification
LTV IP Pro	LTV-ICDM2-423	tested by partner
LTV IP Pro	LTV-ICDM2-423-T5	supported by specification
LTV IP Pro	LTV-ICDM2-623L-F4	supported by specification
LTV IP Pro	LTV-ICDM2-623LH-V3.3-12	supported by specification
LTV IP Pro	LTV-ICDM2-623LH-V3-9	ver.LTV01.2.1084.42
LTV IP Pro	LTV-ICDM2-723L-F4	supported by specification
LTV IP Pro	LTV-ICDM2-723LH-V3.3-12	supported by specification
LTV IP Pro	LTV-ICDM2-723L-V3-9	ver.LTV01.2.1074.42

Integration Protocol: ONVIF

Video: All channels available in device; up to 3 streams; H.264, MJPEG codecs;

Audio: All channels available in device; One-way (in); G.711 codec;

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Protocols: RTSP (support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
LTV IP Pro	LTV-ICDM2-723-V3.3-12	supported by specification
LTV IP Pro	LTV-ICDM2-723-V3-9	ver.LTV01.2.1080.42
LTV IP Pro	LTV-ICDM2-823-F2.1	supported by specification
LTV IP Pro	LTV-ICDM2-823-F4	supported by specification
LTV IP Pro	LTV-ICDM2-823H-V3.3-12	ver. LTV01.2.1061.42
LTV IP Pro	LTV-ICDM2-823LH-V3-9	ver.LTV01.2.1084.42
LTV IP E-series	LTV-ICDM2-E4230	supported by specification
LTV IP E-series	LTV-ICDM2-E6230L-F4	supported by specification
LTV IP E-series	LTV-ICDM2-E6230L-F6	supported by specification
LTV IP E-series	LTV-ICDM2-E6230L-V3.3-12	supported by specification
LTV IP E-series	LTV-ICDM2-E6231L-F4	supported by specification
LTV IP E-series	LTV-ICDM2-E6231L-F6	supported by specification
LTV IP E-series	LTV-ICDM2-E6231L-V3-10.5	supported by specification
LTV IP E-series	LTV-ICDM2-E6231L-V7-22	supported by specification
LTV IP E-series	LTV-ICDM2-E8230L-F4	supported by specification
LTV IP E-series	LTV-ICDM2-E8230L-F6	supported by specification
LTV IP E-series	LTV-ICDM2-E8230L-V3.3-12	supported by specification
LTV IP E-series	LTV-ICDM2-E8231L-F4	supported by specification
LTV IP E-series	LTV-ICDM2-E8231L-F6	supported by specification
LTV IP E-series	LTV-ICDM2-E8231L-V3-10.5	supported by specification
LTV IP T-series	LTV-ICDM3-T4230	ver.01.05a
LTV IP T-series	LTV-ICDM3-T6230LH-V3-9	supported by specification
LTV IP T-series	LTV-ICDM3-T7230-F2.8	supported by specification
LTV IP T-series	LTV-ICDM3-T7230-V3-9	supported by specification
LTV IP T-series	LTV-ICDM3-T8230H-F3.6	supported by specification
LTV IP T-series	LTV-ICDM3-T8230LH-V3-9	supported by specification
LTV IP Pro	LTV-ICDV-423	ver.LTV01.2.1061.42
LTV IP Pro	LTV-ICDV-623LH-V3.3-12	supported by specification
LTV IP Pro	LTV-ICDV-723LH-V3.3-12	supported by specification
LTV IP Pro	LTV-ICDV-723-V3.3-12	supported by specification
LTV IP Pro	LTV-ICDV-823H-V3.3-12	tested by partner
LTV IP T-series	LTV-ISDNI10-TM3	supported by specification
LTV IP E-series	LTV-ISDNO20-EM2	supported by specification
LTV IP Base	LTV-IWCCM1-B320L-F3.8	ver.1044-1026-1031-1008
LTV IP E-series	LTV-CNE-826 42	supported by specification
LTV IP E-series	LTV-CNE-724 48	supported by specification
LTV IP E-series	LTV-CNE-922 41	supported by specification
LTV IP E-series	LTV-CNE-622 41	supported by specification
LTV IP E-series	LTV-CNE-624 48	supported by specification
LTV IP E-series	LTV-CNE-821 58	supported by specification
LTV IP E-series	LTV-CNE-924 48	supported by specification
LTV IP E-series	LTV-CNE-130 22	supported by specification
LTV IP E-series	LTV-CNE-832	supported by specification
LTV IP E-series	LTV-CNE-621 58	supported by specification
LTV IP E-series	LTV-CNE-921 58	supported by specification
LTV IP E-series	LTV-CNE-230 22	supported by specification
LTV IP E-series	LTV-CNE-620 5G	supported by specification
LTV IP E-series	LTV-CNE-630 5G	supported by specification
LTV IP E-series	LTV-CNE-642 58	supported by specification
LTV IP E-series	LTV-CNE-942 58	supported by specification

Integration Protocol: ONVIF

Video: All channels available in device; up to 3 streams; H.264, MJPEG codecs;

Audio: All channels available in device; One-way (in); G.711 codec;

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Protocols: RTSP (support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
LTV IP E-series	LTV-CNE-850 58	supported by specification
LTV IP E-series	LTV-CNE-650 58	supported by specification
LTV IP E-series	LTV-CNE-680 58	supported by specification
LTV IP E-series	LTV-CNE-846 42	supported by specification
LTV IP E-series	LTV-CNE-855	supported by specification
LTV IP E-series	LTV-CNE-950 58	supported by specification
LTV IP E-series	LTV-CNE-880 44	supported by specification
LTV IP E-series	LTV-CNE-320 C1	supported by specification
LTV IP E-series	LTV-CNE-221 62	supported by specification
LTV IP E-series	LTV-CNE-230 62	supported by specification
LTV IP E-series	LTV-CNE-846 41	supported by specification
LTV IP E-series	LTV-CNE-230 64	supported by specification
LTV IP E-series	LTV-CNE-880 58	supported by specification
LTV IP E-series	LTV-CNE-620 58	supported by specification
LTV IP M-series	LTV-CNM-222 62	supported by specification
LTV IP M-series	LTV-CNM-222 64	supported by specification
LTV IP M-series	LTV-CNM-640 5G	supported by specification
LTV IP E-series	LTV-CNE-120 24	supported by specification
LTV IP E-series	LTV-CNE-220 62	supported by specification
LTV IP E-series	LTV-CNE-220 64	supported by specification
LTV IP E-series	LTV-CNE-226 64	supported by specification
LTV IP E-series	LTV-CNE-240 64	supported by specification
LTV IP E-series	LTV-CNE-230 62	supported by specification
LTV IP E-series	LTV-CNE-230 64	supported by specification

Integration Protocol: ONVIF

Video: All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs; UDP/TCP protocols;

Audio: All channels available in device; Microphone (audio-in); G.711, AAC codecs;

EdgeStorage: EdgeStorage Sync and EdgeStorage Gate for h264 or h265 codecs for IPv4 only

Controls: Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only); Sensors (inputs); Relays (outputs);

Network: Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Mobotix MOVE Bullet Camera	BC-2-IR	supported by specification
Mobotix MOVE Bullet Camera	BC-4-IR-D	supported by specification
Mobotix Indoor 360° Camera	MX-c26A	supported by specification
Mobotix Indoor 360° Camera	MX-c26B	supported by specification
Mobotix DualDome Camera	MX-D16A	supported by specification
Mobotix DualDome Camera	MX-D16B	supported by specification
Mobotix Dome Camera	MX-D26A	supported by specification
Mobotix Dome Camera	MX-D26B	supported by specification
Mobotix Indoor 180° Camera	MX-i26A	supported by specification
Mobotix Indoor 180° Camera	MX-i26B	supported by specification
Mobotix AllroundDual Camera	MX-M16A	supported by specification
Mobotix AllroundDual Camera	MX-M16B	supported by specification
Mobotix Thermal Camera	MX-M16B TR	supported by specification
Mobotix Allround Camera	MX-M73	supported by specification
Mobotix Indoor PT Camera	MX-p26A	supported by specification
Mobotix Indoor PT Camera	MX-p26B	supported by specification
Mobotix DualFlex Camera	MX-S16A	supported by specification
Mobotix DualFlex Camera	MX-S16B	supported by specification
Mobotix Flex Camera	MX-S26A	supported by specification
Mobotix Flex Camera	MX-S26B	supported by specification
Mobotix Door Station Camera	MX-T26B	supported by specification
Mobotix Vandalism Camera	MX-V16A	supported by specification
Mobotix Vandalism Camera	MX-V16B	supported by specification
Mobotix Indoor Dome Camera	MX-v26A	supported by specification
Mobotix Indoor Dome Camera	MX-v26B	supported by specification
Mobotix MOVE Dome PTZ Camera	SD-340-IR	supported by specification
Mobotix MOVE Vandal Bullet Camera	VB-4-IR	supported by specification
Mobotix MOVE Vandal Bullet Camera	VB-4-IR-D	supported by specification
Mobotix MOVE Vandal Dome Camera	VD-2-IR	supported by specification
Mobotix MOVE Vandal Dome Camera	VD-4-IR	supported by specification
Mobotix MOVE Vandal Dome Camera	VD-4-IR-D	supported by specification

Integration Protocol: CGI (native protocol)

Video: Multistreaming (up to 3 streams); H.264, MxPEG, MJPEG codecs;

Audio: Microphone (audio-in); G.711 codec;

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Mobotix Hemispheric c25 Camera	MX-c25	ver.4.3.4.50
Mobotix DualDome D10 Camera	MX-D10	ver.2.2.3.24
Mobotix DualDome D12 Camera	MX-D12	ver.3.5.5.10
Mobotix DualDome D14 Camera	MX-D14	ver.4.3.2.77
Mobotix DualDome D15 Camera	MX-D15	ver.4.3.2.77
Mobotix DualDome D16 Camera	MX-D16	supported by specification
Mobotix Dome D22 Camera	MX-D22	ver.3.5.5.10
Mobotix Dome D24 Camera	MX-D24	ver.4.3.2.77
Mobotix Dome D25 Camera	MX-D25	ver.4.3.4.50
Mobotix Dome D26 Camera	MX-D26	supported by specification
Mobotix Hemispheric i24 Camera	MX-i24	supported by specification
Mobotix Hemispheric i25 Camera	MX-i25	ver.4.3.4.50
Mobotix AllroundDual M10 Camera	MX-M10	ver.2.2.3.24
Mobotix AllroundDual M12 Camera	MX-M12	ver.3.5.5.10
Mobotix AllroundDual M15 Camera	MX-M15	ver.4.3.2.77
Mobotix AllroundDual M16 Camera	MX-M16	supported by specification
Mobotix Allround M22 Camera	MX-M22	ver.3.5.5.10
Mobotix Allround M24 Camera	MX-M24	ver.4.3.2.77
Mobotix Allround M25 Camera	MX-M25	ver.4.3.4.50
Mobotix Allround M26 Camera	MX-M26	supported by specification
Mobotix p25 Camera	MX-p25	ver.4.3.4.50
Mobotix Hemispheric Q24 Camera	MX-Q22	ver.3.5.5.10
Mobotix Hemispheric Q24 Camera	MX-Q24	ver.4.3.2.77
Mobotix Hemispheric Q25 Camera	MX-Q25	ver.4.3.4.50
Mobotix Hemispheric Q26 Camera	MX-Q26	supported by specification
Mobotix FlexMount S14 Thermal Camera	MX-S14	ver.4.3.2.77
Mobotix FlexMount S15 Thermal Camera	MX-S15	ver.4.3.2.77
Mobotix FlexMount S15M Camera	MX-S15M	supported by specification
Mobotix FlexMount S16 Camera	MX-S16	supported by specification
Mobotix FlexMount S26 Camera	MX-S26	supported by specification
Mobotix IP Video Door Station T24 Camera	MX-T24	ver.4.3.2.77
Mobotix IP Video Door Station T25 Camera	MX-T25	ver.4.3.4.50
Mobotix Vandalism V10 Camera	MX-V10	ver.2.2.3.24
Mobotix Vandalism V12 Camera	MX-V12	ver.3.5.5.10
Mobotix Vandalism V14 Camera	MX-V14	ver.4.3.2.77
Mobotix Vandalism V15 Camera	MX-V15	ver.4.3.2.77
Mobotix Vandalism V16 Camera	MX-V16	supported by specification
Mobotix Indoor Dome V25 Camera	MX-V25	supported by specification
Mobotix Thermal M15 Camera	MX-M15D	supported by specification

Integration Protocol: ONVIF

Video: Multistreaming (up to 3 streams); H.265, H.264, MJPEG codecs;

Audio: Microphone (audio-in); G.711 codec;

Controls: Zoom

Network: Unicast streaming; UDP/TCP protocols; IPv4/IPv6

Note: The features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
360+1° Box Series	2MP-BOX-Moto-ACDC-GP-RUS	supported by specification
360+1° Bullet Series	2MP-BUL-2.7-13.5M-ARC-GP-RUS	supported by specification
360+1° Bullet Series	2MP-BUL-Moto-UPS-GP-RUS	supported by specification
360+1° Dome Series	2MP-DOM-Moto-UPS-GP-RU	supported by specification
360+1° MiniDome Series	360+1°-0049 (2MP-DOM)	supported by specification
360+1° MiniBullet Series	360+1°-0050 (2MP-BUL)	supported by specification
360+1° BigBullet Series	360+1°-0118 (2MP-BUL-2.7-13.5M)	ver.2.116.00.1.R (2019-11-21)
360+1° Dome Series	360+1°-0120 (2MP-DOM)	supported by specification
360+1° BigBullet Series	360+1°-0127 (5MP-BUL-3.6-11M)	supported by specification
360+1° BigDome Series	360+1°-0128 (5MP-DOM-3.6-11)	supported by specification
360+1° BigDome Series	360+1°-0129 (2MP-DOM-2.7-13M)	supported by specification
360+1° MiniBullet Series	360+1°-0140 (5MP-BUL)	supported by specification
360+1° MiniDome Series	360+1°-0141 (5MP-DOM)	supported by specification
360+1° BigBullet Series	360+1°-0142 (4MP-BUL-2.7-13.5M)	ver.2.116.00.1.R (2019-11-21)
360+1° BigDome Series	360+1°-0143 (4MP-DOM-2.7-13.5M)	supported by specification
360+1° MiniBullet Series	360+1°-0144 (4MP-BUL)	supported by specification
360+1° MiniDome Series	360+1°-0145 (4MP-DOM)	supported by specification
360+1° Box Series	360+1°-0157 (2MP-BOX-2.7-13.5M)	supported by specification
360+1° Box Series	360+1°-0158 (4MP-BOX-2.7-13.5M)	supported by specification
360+1° Box Series	360+1°-0159 (5MP-BOX-3.6-11M)	supported by specification
360+1° BigBullet Series	360+1°-0173 (12MP-BUL-3.6-11M)	supported by specification
360+1° Box Series	360+1°-0178 (12MP-BOX-3.6-11M)	supported by specification
360+1° BigDome Series	360+1°-0217 (12MP-DOM-3.6-11M)	supported by specification
360+1° Box Series	360+1°-0287 (8MP-BOX)	supported by specification
360+1° MiniDome Series	360+1°-0305 (8MP-DOM)	supported by specification
360+1° MiniBullet Series	360+1°-0306 (8MP-BUL)	supported by specification
360+1° BigDome Series	360+1°-0307 (8MP-DOM-3.6-11M)	supported by specification
360+1° BigBullet Series	360+1°-0308 (8MP-BUL-3.6-11M)	supported by specification
360+1° Box Series	360+1°-0309 (8MP-BOX-3.6-11M)	supported by specification
360+1° MiniDome Series	360+1°-0310 (12MP-DOM)	supported by specification
360+1° MiniBullet Series	360+1°-0311 (12MP-BUL)	supported by specification
360+1° EcoNova Series	360+1°-0476 (2M-BUL)	supported by specification
360+1° EcoNova Series	360+1°-0477 (2M-DOM)	supported by specification
360+1° EcoNova Series	360+1°-0478 (2M-BUL-2.8-12M)	supported by specification
360+1° EcoNova Series	360+1°-0478 (2M-DOM-2.8-12M)	supported by specification
360+1° EcoNova Series	360+1°-0479 (2M-BUL-2.8-12M)	supported by specification
360+1° EcoNova Series	360+1°-0480 (5M-BUL)	supported by specification
360+1° EcoNova Series	360+1°-0481 (5M-DOM)	supported by specification
360+1° EcoNova Series	360+1°-0482 (5M-DOM-2.8-12M)	supported by specification
360+1° EcoNova Series	360+1°-0483 (5M-BUL-2.8-12M)	supported by specification
360+1° Box Series	3MP-BOX-505-BS-PRO	supported by specification
360+1° Dome Series	3MP-D-1327-BS-PRO	supported by specification
360+1° Box Series	4MP-BOX-Moto-ACDC-GP-RUS	supported by specification
360+1° Bullet Series	4MP-BUL-Moto-UPS-GP-RUS	supported by specification
360+1° Dome Series	4MP-DOM-Moto-UPS-GP-RUS	supported by specification
360+1° Box Series	5MP-BOX-505-BS-PRO	supported by specification
360+1° Box Series	5MP-BOX-Moto-ACDC-GP-RUS	supported by specification
360+1° Bullet Series	5MP-BUL-Moto-UPS-GP-RUS	supported by specification

Integration Protocol: ONVIF

Video: Multistreaming (up to 3 streams); H.265, H.264, MJPEG codecs;

Audio: Microphone (audio-in); G.711 codec;

Controls: Zoom

Network: Unicast streaming; UDP/TCP protocols; IPv4/IPv6

Note: The features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
360+1° Dome Series	5MP-D-1327-BS-PRO	supported by specification
360+1° Dome Series	5MP-DOM-Moto-UPS-GP-RUS	supported by specification
360+1° Dome Series	5MP-I-VSEC-3.6-Pro	supported by specification
360+1° Dome Series	5MP-I-VSEC-3.6-Pro-I	supported by specification
360+1° Dome Series	5MP-S-VSEC-3.6-Pro	supported by specification
360+1° Box Series	8MP-BOX-2.7-13.5M v.1	supported by specification
360+1° Bullet Series	8MP-BUL-2.7-13.5M v.1	supported by specification
360+1° Bullet Series	8MP-BUL-2.8 v.1	supported by specification
360+1° Dome Series	8MP-DOM-2.7-13.5M	supported by specification
360+1° Dome Series	8MP-DOM-2.8 v.1	supported by specification
360+1° Bullet Series	NIC-2-BUL-Fix-RUS	supported by specification
360+1° Bullet Series	NIC-2-BUL-Moto-RUS	supported by specification
360+1° Bullet Series	NIC-2-BUL-Moto-RUTEQ	supported by specification
360+1° Dome Series	NIC-2-DOM-Fix-RUS	supported by specification
360+1° Dome Series	NIC-2-DOM-Moto-RUS	supported by specification
360+1° Dome Series	NIC-2-DOM-Moto-RUTEQ	supported by specification
360+1° Bullet Series	NIC-4-BUL-Fix-RUS	supported by specification
360+1° Bullet Series	NIC-4-BUL-Moto-RUS	supported by specification
360+1° Bullet Series	NIC-4-BUL-Moto-RUTEQ	supported by specification
360+1° Dome Series	NIC-4-DOM-Fix-RUS	supported by specification
360+1° Dome Series	NIC-4-DOM-Moto-RUS	supported by specification
360+1° Dome Series	NIC-4-DOM-Moto-RUTEQ	supported by specification
360+1° Bullet Series	NIC-5-BUL-Fix-RUS	supported by specification
360+1° Bullet Series	NIC-5-BUL-Moto-RUS	supported by specification
360+1° Dome Series	NIC-5-DOM-Fix-RUS	supported by specification
360+1° Dome Series	NIC-5-DOM-Moto-RUS	supported by specification
360+1° Bullet Series	NIC-8-BUL-Fix-RUS	supported by specification
360+1° Bullet Series	NIC-8-BUL-Moto-RUS	supported by specification
360+1° Dome Series	NIC-8-DOM-Fix-RUS	supported by specification
360+1° Dome Series	NIC-8-DOM-Moto-RUS	supported by specification
360+1° PTZ Series	PTZ20-05x-02	supported by specification
360+1° PTZ Series	PTZ20-10x-03	supported by specification
360+1° PTZ Series	PTZ20-20x-01	supported by specification
360+1° PTZ Series	PTZ20-20x-02	supported by specification
360+1° PTZ Series	PTZ20-20x-02	supported by specification
360+1° PTZ Series	PTZ20-30x-01	supported by specification
360+1° PTZ Series	PTZ20-30x-01L	supported by specification
360+1° PTZ Series	PTZ50-30x-01	supported by specification
360+1° PTZ Series	PTZ80-30x-01	supported by specification
360+1° PTZ Series	PTZ-VSEC-30X-01-PRO	supported by specification

Integration Protocol: ONVIF

Video: Multistreaming (up to 3 streams); H.264, MJPEG codecs

Audio: Microphone (audio-in); G.711, AAC codecs

EdgeStorage: EdgeStorage Sync and EdgeStorage Gate for h264 or h265 codecs for IPv4 only

Controls: Sensors (inputs); Relays (outputs)

Dewarping: Live and Archive videos; ePTZ

Network: Multicast/Unicast streaming; UDP/TCP; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IP

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Evolution 05 360° camera series	EVO-05-xxx	supported by specification
Evolution 12 360° camera series	EVO-12-xxx	supported by specification

Integration Protocol: ONVIF

Video: All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs; UDP/TCP protocols

Audio: All channels available in device; Microphone (audio-in); G.711, AAC codecs

EdgeStorage: EdgeStorage Sync and EdgeStorage Gate for h264 or h265 codecs

Controls: Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only); Sensors (inputs); Relays (outputs)

Network: Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Supported Protocols: CGI native protocol (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Panasonic AI 5M fisheye camera	WV-S4556LJ	supported by specification
Panasonic Camera Line-up	BB-HNP17	supported by specification
Panasonic Camera Line-up	BL-C101	supported by specification
Panasonic Camera Line-up	BL-C121	supported by specification
Panasonic Camera Line-up	BL-C140	supported by specification
Panasonic Camera Line-up	BL-C160	supported by specification
Panasonic Camera Line-up	BL-C210	supported by specification
Panasonic Camera Line-up	BL-C230	supported by specification
Panasonic Camera Line-up	BL-VP101	ver.2.10
Panasonic Camera Line-up	BL-VP104	ver.2.10
Panasonic Camera Line-up	BL-VP104W	ver.2.10
Panasonic Camera Line-up	BL-VT164	ver.2.10
Panasonic Camera Line-up	BL-VT164W	ver.2.10
Panasonic Network Video Interface	WJ-GXE100	ver.2.10
Panasonic Network Video Interface	WJ-GXE500	ver.2.10
Panasonic Fixed Dome Network Camera	WV-NF284	supported by specification
Panasonic Fixed Dome Network Camera	WV-NF302	supported by specification
Panasonic Fixed Network Camera	WV-NP1000	ver.1.21
Panasonic Fixed Network Camera	WV-NP1004	ver.1.21
Panasonic Fixed Network Camera	WV-NP240	ver.1.25
Panasonic Fixed Network Camera	WV-NP244	ver.1.25
Panasonic Fixed Network Camera	WV-NP304	supported by specification
Panasonic Fixed Network Camera	WV-NP502	ver.2.15
Panasonic PTZ Dome Network Camera	WV-NS202A	ver.1.10
Panasonic PTZ Dome Network Camera	WV-NS950	ver.1.06
Panasonic PTZ Dome Network Camera	WV-NS954	ver.1.06
Panasonic Fixed Dome Network Camera	WV-NW484	ver.1.11
Panasonic Fixed Dome Network Camera	WV-NW484S	ver.1.11
Panasonic Fixed Dome Network Camera	WV-NW502S	ver.2.15
Panasonic PTZ Dome Network Camera	WV-NW960	ver.1.06
Panasonic PTZ Dome Network Camera	WV-NW964	ver.1.06
Panasonic Fixed Network Camera	WV-S1111	supported by specification
Panasonic Fixed Network Camera	WV-S1112	supported by specification
Panasonic Fixed Network Camera	WV-S1131	supported by specification
Panasonic Fixed Network Camera	WV-S1132	supported by specification
Panasonic AI FHD Box/Dome Camera	WV-S1136	supported by specification
Panasonic Fixed Network Camera	WV-S1510	supported by specification
Panasonic Fixed Network Camera	WV-S1511LDN	supported by specification
Panasonic Fixed Network Camera	WV-S1511LN	supported by specification
Panasonic Fixed Network Camera	WV-S1511LNJ	supported by specification
Panasonic Fixed Network Camera	WV-S1531LN	supported by specification
Panasonic Fixed Network Camera	WV-S1531LTN	supported by specification
Panasonic AI FHD Box/Dome Camera	WV-S1536L	supported by specification
Panasonic AI FHD Box/Dome Camera	WV-S1536L-B	supported by specification
Panasonic AI FHD Box/Dome Camera	WV-S1536LBUX	supported by specification
Panasonic AI FHD Box/Dome Camera	WV-S1536LN	supported by specification
Panasonic AI FHD Box/Dome Camera	WV-S1536LN-B	supported by specification
Panasonic AI FHD Box/Dome Camera	WV-S1536LTN	supported by specification
Panasonic Fixed Network Camera	WV-S1550L	supported by specification

Integration Protocol: ONVIF

Video: All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs; UDP/TCP protocols

Audio: All channels available in device; Microphone (audio-in); G.711, AAC codecs

EdgeStorage: EdgeStorage Sync and EdgeStorage Gate for h264 or h265 codecs

Controls: Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only); Sensors (inputs); Relays (outputs)

Network: Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Supported Protocols: CGI native protocol (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Panasonic Fixed Network Camera	WV-S1550LNJ	supported by specification
Panasonic Fixed Network Camera	WV-S1552L	supported by specification
Panasonic Fixed Network Camera	WV-S1570L	supported by specification
Panasonic Fixed Network Camera	WV-S1570LNJ	supported by specification
Panasonic Fixed Network Camera	WV-S1572L	supported by specification
Panasonic Fixed Dome Network Camera	WV-S2110	supported by specification
Panasonic Fixed Dome Network Camera	WV-S2110J	supported by specification
Panasonic Fixed Dome Network Camera	WV-S2110RJ	supported by specification
Panasonic Fixed Dome Network Camera	WV-S2111L	supported by specification
Panasonic Fixed Dome Network Camera	WV-S2111LD	supported by specification
Panasonic Fixed Dome Network Camera	WV-S2130	supported by specification
Panasonic Fixed Dome Network Camera	WV-S2130RJ	supported by specification
Panasonic Fixed Dome Network Camera	WV-S2131	supported by specification
Panasonic Fixed Dome Network Camera	WV-S2131L	supported by specification
Panasonic AI FHD Box/Dome Camera	WV-S2136	supported by specification
Panasonic AI FHD Box/Dome Camera	WV-S2136-B	supported by specification
Panasonic AI FHD Box/Dome Camera	WV-S2136G	supported by specification
Panasonic AI FHD Box/Dome Camera	WV-S2136G-B	supported by specification
Panasonic AI FHD Box/Dome Camera	WV-S2136L	supported by specification
Panasonic AI FHD Box/Dome Camera	WV-S2136L-B	supported by specification
Panasonic AI FHD Box/Dome Camera	WV-S2136LBUX	supported by specification
Panasonic AI FHD Box/Dome Camera	WV-S2136LG	supported by specification
Panasonic AI FHD Box/Dome Camera	WV-S2136LG-B	supported by specification
Panasonic Fixed Dome Network Camera	WV-S2211L	supported by specification
Panasonic Fixed Dome Network Camera	WV-S2231L	supported by specification
Panasonic AI FHD Box/Dome Camera	WV-S2236L	supported by specification
Panasonic AI FHD Box/Dome Camera	WV-S2236L-B	supported by specification
Panasonic AI FHD Box/Dome Camera	WV-S2236LG	supported by specification
Panasonic AI FHD Box/Dome Camera	WV-S2236LG-B	supported by specification
Panasonic Fixed Dome Network Camera	WV-S2250L	supported by specification
Panasonic Fixed Dome Network Camera	WV-S2252L	supported by specification
Panasonic Fixed Dome Network Camera	WV-S2270L	ver. 4.23
Panasonic Fixed Dome Network Camera	WV-S2272L	supported by specification
Panasonic Fixed Dome Network Camera	WV-S2511LN	supported by specification
Panasonic Fixed Dome Network Camera	WV-S2531LN	supported by specification
Panasonic Fixed Dome Network Camera	WV-S2531LTN	supported by specification
Panasonic AI FHD Box/Dome Camera	WV-S2536L	supported by specification
Panasonic AI FHD Box/Dome Camera	WV-S2536LG	supported by specification
Panasonic AI FHD Box/Dome Camera	WV-S2536LGN	supported by specification
Panasonic AI FHD Box/Dome Camera	WV-S2536LN	supported by specification
Panasonic AI FHD Box/Dome Camera	WV-S2536LTN	supported by specification
Panasonic Fixed Dome Network Camera	WV-S2550L	ver. 4.23
Panasonic Fixed Dome Network Camera	WV-S2550LNJ	supported by specification
Panasonic Fixed Dome Network Camera	WV-S2552L	supported by specification
Panasonic Fixed Dome Network Camera	WV-S2570L	supported by specification
Panasonic Fixed Dome Network Camera	WV-S2570LNJ	supported by specification
Panasonic Fixed Dome Network Camera	WV-S2572L	supported by specification
Panasonic Fixed Dome Network Camera	WV-S3110J	supported by specification
Panasonic Fixed Dome Network Camera	WV-S3111L	supported by specification
Panasonic Fixed Dome Network Camera	WV-S3130J	supported by specification

Integration Protocol: ONVIF

Video: All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs; UDP/TCP protocols

Audio: All channels available in device; Microphone (audio-in); G.711, AAC codecs

EdgeStorage: EdgeStorage Sync and EdgeStorage Gate for h264 or h265 codecs

Controls: Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only); Sensors (inputs); Relays (outputs)

Network: Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Supported Protocols: CGI native protocol (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Panasonic Fixed Dome Network Camera	WV-S3131L	supported by specification
Panasonic Fixed Dome Network Camera	WV-S3510J	supported by specification
Panasonic Fixed Dome Network Camera	WV-S3511L	supported by specification
Panasonic Fixed Dome Network Camera	WV-S3512LM	supported by specification
Panasonic Fixed Dome Network Camera	WV-S3530J	supported by specification
Panasonic Fixed Dome Network Camera	WV-S3531L	ver. 4.23
Panasonic Fixed Dome Network Camera	WV-S3532LM	supported by specification
Panasonic Fisheye Camera	WV-S4150	supported by specification
Panasonic Fisheye Camera	WV-S4151	supported by specification
Panasonic Fisheye Camera	WV-S4151L	supported by specification
Panasonic AI 5M fisheye camera	WV-S4156	supported by specification
Panasonic AI 5M fisheye camera	WV-S4156J	supported by specification
Panasonic AI 9M fisheye camera	WV-S4176	supported by specification
Panasonic AI 9M fisheye camera	WV-S4176J	supported by specification
Panasonic Fisheye Camera	WV-S4550L	supported by specification
Panasonic Fisheye Camera	WV-S4550LM	supported by specification
Panasonic Fisheye Camera	WV-S4551LM	supported by specification
Panasonic AI 5M fisheye camera	WV-S4556LM	supported by specification
Panasonic AI 9M fisheye camera	WV-S4576LJ	supported by specification
Panasonic AI 9M fisheye camera	WV-S4576LM	supported by specification
Panasonic PTZ Dome Network Camera	WV-S6110	supported by specification
Panasonic PTZ Dome Network Camera	WV-S6111	supported by specification
Panasonic PTZ Dome Network Camera	WV-S6130	supported by specification
Panasonic PTZ Dome Network Camera	WV-S6131	supported by specification
Panasonic PTZ Dome Network Camera	WV-S6530N	supported by specification
Panasonic PTZ Dome Network Camera	WV-S6530NJ	supported by specification
Panasonic PTZ Dome Network Camera	WV-S6530NS	supported by specification
Panasonic PTZ Dome Network Camera	WV-S6532LN	supported by specification
Panasonic PTZ Dome Network Camera	WV-S6532LNJ	supported by specification
Panasonic PTZ Dome Network Camera	WV-S6532LNJ	supported by specification
Panasonic Panoramic Camera	WV-S8530N	supported by specification
Panasonic Fixed Dome Network Camera	WV-SBV111M	supported by specification
Panasonic Fixed Dome Network Camera	WV-SBV131M	supported by specification
Panasonic PTZ Dome Network Camera	WV-SC384	ver.2.10
Panasonic PTZ Dome Network Camera	WV-SC385	ver.2.10
Panasonic PTZ Dome Network Camera	WV-SC386	ver.2.10
Panasonic PTZ Dome Network Camera	WV-SC387	ver.1.70
Panasonic PTZ Dome Network Camera	WV-SC387A	supported by specification
Panasonic PTZ Dome Network Camera	WV-SC588	ver.1.60
Panasonic PTZ Dome Network Camera	WV-SC588A	supported by specification
Panasonic Fixed Dome Network Camera	WV-SF132	ver.2.11
Panasonic Fixed Dome Network Camera	WV-SF135	ver.2.11
Panasonic Fixed Dome Network Camera	WV-SF138	ver.1.60
Panasonic Fixed Dome Network Camera	WV-SF332	ver.2.10
Panasonic Fixed Dome Network Camera	WV-SF335	ver.2.10
Panasonic Fixed Dome Network Camera	WV-SF336	ver.2.10

Integration Protocol: ONVIF

Video: All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs; UDP/TCP protocols

Audio: All channels available in device; Microphone (audio-in); G.711, AAC codecs

EdgeStorage: EdgeStorage Sync and EdgeStorage Gate for h264 or h265 codecs

Controls: Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only); Sensors (inputs); Relays (outputs)

Network: Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Supported Protocols: CGI native protocol (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Panasonic Fixed Dome Network Camera	WV-SF342	ver.2.10
Panasonic Fixed Dome Network Camera	WV-SF346	ver.2.10
Panasonic 360-degree Network Camera	WV-SF438	ver.1.60
Panasonic 360-degree Network Camera	WV-SF448	ver.1.60
Panasonic 360-degree Network Camera	WV-SF448E	supported by specification
Panasonic Fixed Dome Network Camera	WV-SF538	ver.1.60
Panasonic Fixed Dome Network Camera	WV-SF539	ver.1.60
Panasonic Fixed Dome Network Camera	WV-SF548	ver.1.60
Panasonic Fixed Dome Network Camera	WV-SF549	ver.1.60
Panasonic Fixed Dome Network Camera	WV-SFN110	supported by specification
Panasonic Fixed Dome Network Camera	WV-SFN130	supported by specification
Panasonic Fixed Dome Network Camera	WV-SFN310	ver.1.55
Panasonic Fixed Dome Network Camera	WV-SFN310A	supported by specification
Panasonic Fixed Dome Network Camera	WV-SFN311	ver.1.55
Panasonic Fixed Dome Network Camera	WV-SFN311A	supported by specification
Panasonic Fixed Dome Network Camera	WV-SFN311L	ver.1.55
Panasonic 360-degree Network Camera	WV-SFN480	ver.1.11
Panasonic Fixed Dome Network Camera	WV-SFN531	ver.1.85
Panasonic Fixed Dome Network Camera	WV-SFN611L	ver.1.55
Panasonic Fixed Dome Network Camera	WV-SFN631L	ver.1.55
Panasonic Fixed Dome Network Camera	WV-SFR310	ver.1.55
Panasonic Fixed Dome Network Camera	WV-SFR310A	supported by specification
Panasonic Fixed Dome Network Camera	WV-SFR311	ver.1.55
Panasonic Fixed Dome Network Camera	WV-SFR311A	supported by specification
Panasonic Fixed Dome Network Camera	WV-SFR531	ver.1.85
Panasonic Fixed Dome Network Camera	WV-SFR611L	ver.1.55
Panasonic Fixed Dome Network Camera	WV-SFR631L	ver.1.55
Panasonic Fixed Dome Network Camera	WV-SFV110	supported by specification
Panasonic Fixed Dome Network Camera	WV-SFV110M	supported by specification
Panasonic Fixed Dome Network Camera	WV-SFV130	supported by specification
Panasonic Fixed Dome Network Camera	WV-SFV130M	supported by specification
Panasonic Fixed Dome Network Camera	WV-SFV310	ver.1.55
Panasonic Fixed Dome Network Camera	WV-SFV310A	supported by specification
Panasonic Fixed Dome Network Camera	WV-SFV311	ver.1.55
Panasonic Fixed Dome Network Camera	WV-SFV311A	supported by specification
Panasonic 360-degree Network Camera	WV-SFV481	ver.1.11
Panasonic Fixed Dome Network Camera	WV-SFV531	ver.1.85
Panasonic Fixed Dome Network Camera	WV-SFV611L	ver.1.55
Panasonic Fixed Dome Network Camera	WV-SFV631L	ver.1.55
Panasonic Fixed Dome Network Camera	WV-SFV631LT	ver.1.55
Panasonic Fixed Dome Network Camera	WV-SFV781L	supported by specification
Panasonic Fixed Network Camera	WV-SP102	ver.2.10
Panasonic Fixed Network Camera	WV-SP105	ver.2.10
Panasonic Fixed Network Camera	WV-SP302	ver.2.10

Integration Protocol: ONVIF

Video: All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs; UDP/TCP protocols

Audio: All channels available in device; Microphone (audio-in); G.711, AAC codecs

EdgeStorage: EdgeStorage Sync and EdgeStorage Gate for h264 or h265 codecs

Controls: Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only); Sensors (inputs); Relays (outputs)

Network: Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Supported Protocols: CGI native protocol (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Panasonic Fixed Network Camera	WV-SP305	ver.2.10
Panasonic Fixed Network Camera	WV-SP306	ver.2.10
Panasonic Fixed Network Camera	WV-SP508	ver.1.60
Panasonic Fixed Network Camera	WV-SP509	ver.1.60
Panasonic Fixed Network Camera	WV-SPN310	ver.1.55
Panasonic Fixed Network Camera	WV-SPN310A	supported by specification
Panasonic Fixed Network Camera	WV-SPN311	ver.1.55
Panasonic Fixed Network Camera	WV-SPN311A	supported by specification
Panasonic Fixed Network Camera	WV-SPN531	ver.1.60
Panasonic Fixed Network Camera	WV-SPN531A	supported by specification
Panasonic Fixed Network Camera	WV-SPN611	ver.1.55
Panasonic Fixed Network Camera	WV-SPN631	ver.1.55
Panasonic Fixed Network Camera	WV-SPV781L	supported by specification
Panasonic Fixed Network Camera	WV-SPW311AL	supported by specification
Panasonic Fixed Network Camera	WV-SPW312L	supported by specification
Panasonic Fixed Network Camera	WV-SPW531AL	supported by specification
Panasonic Fixed Network Camera	WV-SPW532L	supported by specification
Panasonic Fixed Network Camera	WV-SPW611	ver.1.55
Panasonic Fixed Network Camera	WV-SPW611L	ver.1.55
Panasonic Fixed Network Camera	WV-SPW631L	ver.1.55
Panasonic Fixed Network Camera	WV-SPW631LT	ver.1.55
Panasonic Pan/tilt Network Camera	WV-ST162	ver.2.10
Panasonic Pan/tilt Network Camera	WV-ST165	ver.2.10
Panasonic PTZ Network Camera	WV-SUD638	supported by specification
Panasonic Fixed Dome Network Camera	WV-SW115	ver.2.11
Panasonic Fixed Dome Network Camera	WV-SW152	ver.2.11
Panasonic Fixed Dome Network Camera	WV-SW152M	ver.2.11
Panasonic Fixed Dome Network Camera	WV-SW155	ver.2.11
Panasonic Fixed Dome Network Camera	WV-SW155M	ver.2.11
Panasonic Fixed Dome Network Camera	WV-SW155MA	ver.2.11
Panasonic Fixed Dome Network Camera	WV-SW158	ver.1.60
Panasonic Pan/tilt Network Camera	WV-SW172	ver.2.10
Panasonic Pan/tilt Network Camera	WV-SW174W	ver.2.10
Panasonic Pan/tilt Network Camera	WV-SW175	ver.2.10
Panasonic Fixed Network Camera	WV-SW314	ver.2.11
Panasonic Fixed Network Camera	WV-SW316	ver.2.11
Panasonic Fixed Network Camera	WV-SW316L	ver.2.11
Panasonic Fixed Dome Network Camera	WV-SW352	ver.2.11
Panasonic Fixed Dome Network Camera	WV-SW355	ver.2.11
Panasonic PTZ Dome Network Camera	WV-SW395	ver.2.10
Panasonic PTZ Dome Network Camera	WV-SW395A	ver.2.10
Panasonic PTZ Dome Network Camera	WV-SW396	ver.2.10
Panasonic PTZ Dome Network Camera	WV-SW396A	ver.2.10
Panasonic PTZ Dome Network Camera	WV-SW397	ver.1.70

Integration Protocol: ONVIF

Video: All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs; UDP/TCP protocols

Audio: All channels available in device; Microphone (audio-in); G.711, AAC codecs

EdgeStorage: EdgeStorage Sync and EdgeStorage Gate for h264 or h265 codecs

Controls: Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only); Sensors (inputs); Relays (outputs)

Network: Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Supported Protocols: CGI native protocol (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Panasonic PTZ Dome Network Camera	WV-SW397A	ver.1.70
Panasonic PTZ Dome Network Camera	WV-SW397B	supported by specification
Panasonic 360-degree Network Camera	WV-SW458	ver.1.60
Panasonic 360-degree Network Camera	WV-SW458MA	ver.1.60
Panasonic Fixed Dome Network Camera	WV-SW558	ver.1.60
Panasonic Fixed Dome Network Camera	WV-SW559	ver.1.60
Panasonic PTZ Dome Network Camera	WV-SW598	ver.1.60
Panasonic PTZ Dome Network Camera	WV-SW598A	supported by specification
Panasonic Fixed Network Camera	WV-U1130	supported by specification
Panasonic Fixed Network Camera	WV-U1132	supported by specification
Panasonic Fixed Network Camera	WV-U1142	supported by specification
Panasonic Fixed Network Camera	WV-U1532L	supported by specification
Panasonic Fixed Network Camera	WV-U1542L	supported by specification
Panasonic Fixed Dome Network Camera	WV-U2130L	supported by specification
Panasonic Fixed Dome Network Camera	WV-U2132L	supported by specification
Panasonic Fixed Dome Network Camera	WV-U2140L	supported by specification
Panasonic Fixed Dome Network Camera	WV-U2142L	supported by specification
Panasonic Fixed Dome Network Camera	WV-U2530L	supported by specification
Panasonic Fixed Dome Network Camera	WV-U2532L	supported by specification
Panasonic Fixed Dome Network Camera	WV-U2540L	supported by specification
Panasonic Fixed Dome Network Camera	WV-U2542L	supported by specification
Panasonic PTZ Network Camera	WV-V6430L	supported by specification
Panasonic Fixed Network Camera	WV-X1551LN	supported by specification
Panasonic Fixed Network Camera	WV-X1571LN	supported by specification
Panasonic Fixed Dome Network Camera	WV-X2251L	supported by specification
Panasonic Fixed Dome Network Camera	WV-X2271L	supported by specification
Panasonic Fixed Dome Network Camera	WV-X2551LN	supported by specification
Panasonic Fixed Dome Network Camera	WV-X2571LN	supported by specification
Panasonic Fisheye Camera	WV-X4170	supported by specification
Panasonic Fisheye Camera	WV-X4171	supported by specification
Panasonic Fisheye Camera	WV-X4172	supported by specification
Panasonic Fisheye Camera	WV-X4173	supported by specification
Panasonic Fisheye Camera	WV-X4173L	supported by specification
Panasonic Fisheye Camera	WV-X4571L	supported by specification
Panasonic Fisheye Camera	WV-X4571LM	supported by specification
Panasonic Fisheye Camera	WV-X4573LM	supported by specification
Panasonic PTZ Dome Network Camera	WV-X6511N	supported by specification
Panasonic PTZ Dome Network Camera	WV-X6511NJ	supported by specification
Panasonic PTZ Dome Network Camera	WV-X6531N	supported by specification
Panasonic PTZ Dome Network Camera	WV-X6531NJ	supported by specification
Panasonic PTZ Dome Network Camera	WV-X6531NS	supported by specification
Panasonic PTZ Dome Network Camera	WV-X6533LN	ver. 4.23
Panasonic PTZ Dome Network Camera	WV-X6533LNJ	supported by specification
Panasonic 360-degree Network Camera	WV-X8570N	supported by specification

Integration Protocol: ONVIF

Video: Multistreaming (up to 3 streams); H.265, H.264, MJPEG codecs;

Audio: Microphone (audio-in); G.711 codec;

Controls: Zoom, Focus, Relays (outputs);

Network: Unicast streaming; UDP/TCP; IPv4/IPv6;

Note: The features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Universal PTZ Complex Series	УПБК-0-220-2.0	supported by specification
Universal PTZ Complex Series	УПБК-0-220-3.0	supported by specification
Universal Fixed Complex Series	УСБК-0-220-2.0	ver.ltv_ipnc_hi3516a_rev1_2.0.7
Universal Fixed Complex Series	УСБК-0-220-3.0	supported by specification

Integration Protocol: SUNAPI 2 (native Hanwha protocol)

Video: Multistreaming (up to 3 streams); H.265, H.264, and MJPEG codecs

Audio: Microphone (up to 1 stream); G.711 and AAC codecs

EdgeStorage: EdgeStorage Sync and EdgeStorage Gate for h264 or h265 codecs

Controls: Pan, Tilt, Zoom/Zoom in on the selected area; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only), Recorded Tours (Call/Recording); Embedded Wiper; Sensors (inputs); Relays (outputs)

Network: Multicast/Unicast; Basic/Digest authentication; UTP/TCP; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Protocols: ONVIF, RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Samsung Fixed Dome Camera	LND-6010R	supported by specification
Samsung Fixed Dome Camera	LND-6020R	supported by specification
Samsung Fixed Dome Camera	LND-6030R	supported by specification
Samsung Fixed Dome Camera	LND-6070R	supported by specification
Samsung Box Camera	LNO-6010R	supported by specification
Samsung Box Camera	LNO-6020R	supported by specification
Samsung Box Camera	LNO-6030R	supported by specification
Samsung Box Camera	LNO-6070R	supported by specification
Samsung Vandal-Resistant Dome Camera	LNV-6010R	supported by specification
Samsung Vandal-Resistant Dome Camera	LNV-6020R	supported by specification
Samsung Vandal-Resistant Dome Camera	LNV-6030R	supported by specification
Samsung Vandal-Resistant Dome Camera	LNV-6070R	supported by specification
Samsung Wisenet P Series	PNB-A9001	supported by specification
Samsung Wisenet P Series	PND-9080R	ver.1.00_160620
Samsung Wisenet P Series	PND-A9081RF	supported by specification
Samsung Wisenet P Series	PND-A9081RV	supported by specification
Samsung Wisenet P Series	PNF-9010R	ver.1.00_160831
Samsung Wisenet P Series	PNF-9010RV	ver.1.00_160831
Samsung Wisenet P Series	PNF-9010RVM	ver.1.00_160831
Samsung Wisenet P Series	PNM-7000VD	supported by specification
Samsung Wisenet P Series	PNM-7002VD	supported by specification
Samsung Wisenet P Series	PNM-8082VT	supported by specification
Samsung Wisenet P Series	PNM-9000QB	supported by specification
Samsung Wisenet P Series	PNM-9000VD	supported by specification
Samsung Wisenet P Series	PNM-9000VQ	supported by specification
Samsung Wisenet P Series	PNM-9002VQ	supported by specification
Samsung Wisenet P Series	PNM-9020V	ver.1.01_161214
Samsung Wisenet P Series	PNM-9022V	supported by specification
Samsung Wisenet P Series	PNM-9030V	supported by specification
Samsung Wisenet P Series	PNM-9080VQ	supported by specification
Samsung Wisenet P Series	PNM-9081VQ	supported by specification
Samsung Multi-directional Camera	PNM-9084QZ	supported by specification
Samsung Multi-directional Camera	PNM-9085QZ	supported by specification
Samsung Multi-directional Camera	PNM-9085RQZ	supported by specification
Samsung Multi-directional Camera	PNM-9320VQP	supported by specification
Samsung Multi-directional Camera	PNM-9322VQP	supported by specification
Samsung Wisenet P Series	PNO-9080R	ver.1.00_160620
Samsung Wisenet P Series	PNO-A9081R	supported by specification
Samsung Wisenet P Series	PNP-9200RH	ver.1.01_161129
Samsung Wisenet P Series	PNV-9080R	ver.1.00_160620
Samsung Wisenet P Series	PNV-A9081R	supported by specification
Samsung Wisenet Q Series	QNB-6000	supported by specification
Samsung Wisenet Q Series	QNB-6002	supported by specification
Samsung Wisenet Q Series	QNB-7000	supported by specification
Samsung Wisenet Q Series	QNB-8002	supported by specification
Samsung Wisenet Q Series	QND-6010R	ver.1.00_160702
Samsung Dome Camera	QND-6011	supported by specification
Samsung IR Dome Camera	QND-6012R	supported by specification

Integration Protocol: SUNAPI 2 (native Hanwha protocol)

Video: Multistreaming (up to 3 streams); H.265, H.264, and MJPEG codecs

Audio: Microphone (up to 1 stream); G.711 and AAC codecs

EdgeStorage: EdgeStorage Sync and EdgeStorage Gate for h264 or h265 codecs

Controls: Pan, Tilt, Zoom/Zoom in on the selected area; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only), Recorded Tours (Call/Recording); Embedded Wiper; Sensors (inputs); Relays (outputs)

Network: Multicast/Unicast; Basic/Digest authentication; UTP/TCP; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Protocols: ONVIF, RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Samsung Wisenet Q Series	QND-6020R	ver.1.00_160702
Samsung Dome Camera	QND-6021	supported by specification
Samsung IR Dome Camera	QND-6022R	supported by specification
Samsung Wisenet Q Series	QND-6030R	ver.1.00_160702
Samsung IR Dome Camera	QND-6032R	supported by specification
Samsung Wisenet Q Series	QND-6070R	ver.1.00_160804
Samsung IR Dome Camera	QND-6072R	supported by specification
Samsung Wisenet Q Series	QND-7010R	ver.1.01_160620
Samsung Wisenet Q Series	QND-7020R	ver.1.01_160620
Samsung Wisenet Q Series	QND-7030R	ver.1.01_160620
Samsung Wisenet Q Series	QND-7080R	ver.1.01_160819
Samsung IR Bullet Camera	QND-7082R	supported by specification
Samsung IR Dome Camera	QND-8010R	supported by specification
Samsung Dome Camera	QND-8011	supported by specification
Samsung IR Dome Camera	QND-8020R	supported by specification
Samsung Dome Camera	QND-8021	supported by specification
Samsung IR Dome Camera	QND-8030R	supported by specification
Samsung IR Dome Camera	QND-8080R	supported by specification
Samsung PTZ Dome Camera	QNE-6080RV	supported by specification
Samsung PTZ Dome Camera	QNE-7080RV	supported by specification
Samsung IR Flateye Camera	QNE-8011R	supported by specification
Samsung IR Flateye Camera	QNE-8021R	supported by specification
Samsung IR Flateye Camera	QNF-8010	supported by specification
Samsung IR Flateye Camera	QNF-9010	supported by specification
Samsung Wisenet Q Series	QNO-6010R	ver.1.00_160702
Samsung IR Bullet Camera	QNO-6012R	supported by specification
Samsung Wisenet Q Series	QNO-6020R	ver.1.00_160702
Samsung IR Bullet Camera	QNO-6022R	supported by specification
Samsung Wisenet Q Series	QNO-6030R	ver.1.00_160702
Samsung IR Bullet Camera	QNO-6032R	supported by specification
Samsung Wisenet Q Series	QNO-6070R	ver.1.00_160804
Samsung IR Bullet Camera	QNO-6072R	supported by specification
Samsung IR Bullet Camera	QNO-6082R	supported by specification
Samsung Wisenet Q Series	QNO-7010R	ver.1.01_160620
Samsung Box Camera	QNO-7010RR	supported by specification
Samsung Wisenet Q Series	QNO-7020R	ver.1.01_160620
Samsung Wisenet Q Series	QNO-7030R	ver.1.01_160620
Samsung Wisenet Q Series	QNO-7080R	ver.1.01_160819
Samsung IR Bullet Camera	QNO-8010R	supported by specification
Samsung IR Bullet Camera	QNO-8020R	supported by specification
Samsung IR Bullet Camera	QNO-8030R	supported by specification
Samsung IR Bullet Camera	QNO-8080R	supported by specification
Samsung PTZ Dome Camera	QNP-6230	supported by specification
Samsung PTZ Dome Camera	QNP-6230H	supported by specification
Samsung PTZ Dome Camera	QNP-6230RH	supported by specification
Samsung Wisenet Q Series	QNV-6010R	ver.1.00_160702
Samsung IR Dome Camera	QNV-6012R	supported by specification
Samsung Wisenet Q Series	QNV-6020R	ver.1.00_160702
Samsung IR Dome Camera	QNV-6022R	supported by specification

Integration Protocol: SUNAPI 2 (native Hanwha protocol)

Video: Multistreaming (up to 3 streams); H.265, H.264, and MJPEG codecs

Audio: Microphone (up to 1 stream); G.711 and AAC codecs

EdgeStorage: EdgeStorage Sync and EdgeStorage Gate for h264 or h265 codecs

Controls: Pan, Tilt, Zoom/Zoom in on the selected area; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only), Recorded Tours (Call/Recording); Embedded Wiper; Sensors (inputs); Relays (outputs)

Network: Multicast/Unicast; Basic/Digest authentication; UTP/TCP; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Protocols: ONVIF, RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Samsung Wisenet Q Series	QNV-6023R	supported by specification
Samsung Wisenet Q Series	QNV-6023RM	supported by specification
Samsung Wisenet Q Series	QNV-6024RM	supported by specification
Samsung Wisenet Q Series	QNV-6030R	ver.1.00_160702
Samsung IR Dome Camera	QNV-6032R	supported by specification
Samsung Wisenet Q Series	QNV-6070R	ver.1.00_160804
Samsung IR Dome Camera	QNV-6072R	supported by specification
Samsung IR Dome Camera	QNV-6082R	supported by specification
Samsung Wisenet Q Series	QNV-7010R	ver.1.01_160620
Samsung Wisenet Q Series	QNV-7020R	ver.1.01_160620
Samsung Wisenet Q Series	QNV-7030R	ver.1.01_160620
Samsung Wisenet Q Series	QNV-7080R	ver.1.01_160819
Samsung IR Dome Camera	QNV-8010R	supported by specification
Samsung IR Dome Camera	QNV-8020R	supported by specification
Samsung IR Dome Camera	QNV-8030R	supported by specification
Samsung IR Dome Camera	QNV-8080R	supported by specification
Samsung Box Camera	SNB-1000	ver.2.24_140701
Samsung Box Camera	SNB-1001	ver.2.24_140701
Samsung Box Camera	SNB-2000	ver.2.42_130107
Samsung Box Camera	SNB-3000	ver.2.42_130107
Samsung Box Camera	SNB-3002	ver.2.24_140701
Samsung Box Camera	SNB-5000	ver.3.24_140701
Samsung Box Camera	SNB-5000A	ver.3.24_140701
Samsung Box Camera	SNB-5001	ver.1.24_140701
Samsung Box Camera	SNB-5003	ver.3.00_140903
Samsung Box Camera	SNB-5004	ver.3.00_140903
Samsung Box Camera	SNB-6003	ver.3.01_140804
Samsung Box Camera	SNB-6004	ver.3.01_140804
Samsung Box Camera	SNB-6004F	ver.1.00_151022
Samsung Box Camera	SNB-6005	ver.1.00_150723
Samsung Box Camera	SNB-6010	ver.3.03_160608
Samsung Box Camera	SNB-6010B	ver.1.00_160321
Samsung Box Camera	SNB-6011	ver.1.00_150225
Samsung Box Camera	SNB-6011B	ver.1.00_160321
Samsung Box Camera	SNB-7000	ver.2.24_140701
Samsung Box Camera	SNB-7001	ver.1.24_140701
Samsung Box Camera	SNB-7002	ver.1.24_140701
Samsung Box Camera	SNB-7004	ver.3.00_140915
Samsung Box Camera	SNB-8000	ver.1.00_140823
Samsung Box Camera	SNB-9000	ver.1.03_160215
Samsung Fixed Dome Camera	SND-1011	ver.2.24_140701
Samsung Fixed Dome Camera	SND-1080	ver.2.24_140701
Samsung Fixed Dome Camera	SND-3080	supported by specification
Samsung Fixed Dome Camera	SND-3080C	ver.2.42_130409
Samsung Fixed Dome Camera	SND-3082	ver.2.24_140701
Samsung Fixed Dome Camera	SND-3082F	supported by specification
Samsung Fixed Dome Camera	SND-5010	ver.1.24_140701
Samsung Fixed Dome Camera	SND-5011	ver.1.24_140701

Integration Protocol: SUNAPI 2 (native Hanwha protocol)

Video: Multistreaming (up to 3 streams); H.265, H.264, and MJPEG codecs

Audio: Microphone (up to 1 stream); G.711 and AAC codecs

EdgeStorage: EdgeStorage Sync and EdgeStorage Gate for h264 or h265 codecs

Controls: Pan, Tilt, Zoom/Zoom in on the selected area; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only), Recorded Tours (Call/Recording); Embedded Wiper; Sensors (inputs); Relays (outputs)

Network: Multicast/Unicast; Basic/Digest authentication; UTP/TCP; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Protocols: ONVIF, RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Samsung Fixed Dome Camera	SND-5061	ver.1.24_140701
Samsung Fixed Dome Camera	SND-5080	ver.3.24_140701
Samsung Fixed Dome Camera	SND-5080F	supported by specification
Samsung Fixed Dome Camera	SND-5083	ver.3.00_140903
Samsung Fixed Dome Camera	SND-5084	ver.3.00_140903
Samsung Fixed Dome Camera	SND-5084R	ver.1.00_140603
Samsung Fixed Dome Camera	SND-6011R	ver.3.00_141008
Samsung Fixed Dome Camera	SND-6083	ver.3.01_140804
Samsung Fixed Dome Camera	SND-6084	ver.3.01_140804
Samsung Fixed Dome Camera	SND-6084R	ver.3.01_140804
Samsung Fixed Dome Camera	SND-7011	ver.1.24_140701
Samsung Fixed Dome Camera	SND-7061	ver.1.24_140701
Samsung Fixed Dome Camera	SND-7080	ver.2.24_140701
Samsung Fixed Dome Camera	SND-7080F	supported by specification
Samsung Fixed Dome Camera	SND-7082	ver.1.24_140701
Samsung Fixed Dome Camera	SND-7082F	supported by specification
Samsung Fixed Dome Camera	SND-7084	ver.3.00_140915
Samsung Fixed Dome Camera	SND-7084R	ver.3.00_140915
Samsung Fixed Dome Camera	SND-L5013	ver.1.00_150403
Samsung Fixed Dome Camera	SND-L5083R	ver.1.00_150403
Samsung Fixed Dome Camera	SND-L6012	ver.1.00_150403
Samsung Fixed Dome Camera	SND-L6013	ver.1.00_150403
Samsung Fixed Dome Camera	SND-L6013R	ver.1.00_150403
Samsung Fixed Dome Camera	SND-L6083R	ver.1.00_150403
Samsunn Fisheye Camera	SNF-7010	ver.3.00_141007
Samsunn Fisheye Camera	SNF-7010V	ver.3.00_141007
Samsunn Fisheye Camera	SNF-7010VM	ver.3.00_141007
Samsunn Fisheye Camera	SNF-8010	ver.1.00_140823
Samsunn Fisheye Camera	SNF-8010VM	ver.1.00_140823
Samsung Bullet Camera	SNO-1080R	ver.2.24_140701
Samsung Bullet Camera	SNO-5080R	ver.1.00_140827
Samsung Bullet Camera	SNO-5084R	ver.1.00_140827
Samsung Bullet Camera	SNO-6011R	ver.3.00_141008
Samsung Bullet Camera	SNO-6084R	ver.3.01_140804
Samsung Bullet Camera	SNO-7080R	ver.2.24_140701
Samsung Bullet Camera	SNO-7082R	ver.1.24_140701
Samsung Bullet Camera	SNO-7084R	ver.3.00_140915
Samsung Bullet Camera	SNO-8081R	ver.1.00_151020
Samsung WiseNet Lite Camera	SNO-L5083R	ver.1.00_150403
Samsung WiseNet Lite Camera	SNO-L6013R	ver.1.00_150403
Samsung WiseNet Lite Camera	SNO-L6083R	ver.1.00_150403
Samsung PTZ Dome Camera	SNP-3120	ver.3.03_150128
Samsung PTZ Dome Camera	SNP-3120V	ver.3.03_150128

Integration Protocol: SUNAPI 2 (native Hanwha protocol)

Video: Multistreaming (up to 3 streams); H.265, H.264, and MJPEG codecs

Audio: Microphone (up to 1 stream); G.711 and AAC codecs

EdgeStorage: EdgeStorage Sync and EdgeStorage Gate for h264 or h265 codecs

Controls: Pan, Tilt, Zoom/Zoom in on the selected area; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only), Recorded Tours (Call/Recording); Embedded Wiper; Sensors (inputs); Relays (outputs)

Network: Multicast/Unicast; Basic/Digest authentication; UTP/TCP; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Protocols: ONVIF, RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Samsung PTZ Dome Camera	SNP-3120VH	ver.3.03_150128
Samsung PTZ Dome Camera	SNP-3302	ver.2.22_141105
Samsung PTZ Dome Camera	SNP-3302H	ver.2.22_141105
Samsung PTZ Dome Camera	SNP-3371	ver.2.22_141105
Samsung PTZ Dome Camera	SNP-3371H	ver.2.22_141105
Samsung PTZ Dome Camera	SNP-3371TH	ver.2.22_141105
Samsung PTZ Dome Camera	SNP-3430H	supported by specification
Samsung PTZ Dome Camera	SNP-5200	ver.2.23_141105
Samsung PTZ Dome Camera	SNP-5200H	ver.2.23_141105
Samsung PTZ Dome Camera	SNP-5300	ver.1.23_141105
Samsung PTZ Dome Camera	SNP-5300H	ver.1.23_141105
Samsung PTZ Dome Camera	SNP-5321	ver.1.00_150223
Samsung PTZ Dome Camera	SNP-5321H	ver.1.00_150223
Samsung PTZ Dome Camera	SNP-5430	ver.1.00_140804
Samsung PTZ Dome Camera	SNP-5430H	ver.1.00_140804
Samsung PTZ Dome Camera	SNP-6200	ver.3.04_160810
Samsung PTZ Dome Camera	SNP-6200H	ver.3.04_160810
Samsung PTZ Dome Camera	SNP-6200RH	ver.3.03_141124
Samsung PTZ Dome Camera	SNP-6201	ver.3.05_160725
Samsung PTZ Dome Camera	SNP-6201H	ver.3.05_160725
Samsung PTZ Dome Camera	SNP-6230RH	ver.1.02_151204
Samsung PTZ Dome Camera	SNP-6320	ver.1.01_141007
Samsung PTZ Dome Camera	SNP-6320H	ver.1.01_141007
Samsung PTZ Dome Camera	SNP-6320RH	ver.1.01_150213
Samsung PTZ Dome Camera	SNP-6321	ver.1.00_141101
Samsung PTZ Dome Camera	SNP-6321H	ver.1.00_141101
Samsung WiseNet Lite PTZ series	SNP-L5233	supported by specification
Samsung WiseNet Lite PTZ series	SNP-L5233H	supported by specification
Samsung WiseNet Lite PTZ series	SNP-L6233	supported by specification
Samsung WiseNet Lite PTZ series	SNP-L6233H	supported by specification
Samsung WiseNet Lite PTZ series	SNP-L6233RH	supported by specification
Samsung Vandal-Resistant Dome Camera	SNV-1080	ver.2.24_140701
Samsung Vandal-Resistant Dome Camera	SNV-1080R	ver.2.24_140701
Samsung Vandal-Resistant Dome Camera	SNV-3080	supported by specification
Samsung Vandal-Resistant Dome Camera	SNV-3082	ver.2.24_140701
Samsung Vandal-Resistant Dome Camera	SNV-3120	ver.1.26_130903
Samsung Vandal-Resistant Dome Camera	SNV-5010	ver.3.24_140701
Samsung Vandal-Resistant Dome Camera	SNV-5080	ver.3.24_140701
Samsung Vandal-Resistant Dome Camera	SNV-5080R	ver.3.24_140701
Samsung Vandal-Resistant Dome Camera	SNV-5084	ver.3.00_140903
Samsung Vandal-Resistant Dome Camera	SNV-5084R	ver.1.00_140827
Samsung Vandal-Resistant Dome Camera	SNV-6012M	ver.3.00_141106
Samsung Vandal-Resistant Dome Camera	SNV-6013	ver.3.00_141101

Integration Protocol: SUNAPI 2 (native Hanwha protocol)

Video: Multistreaming (up to 3 streams); H.265, H.264, and MJPEG codecs

Audio: Microphone (up to 1 stream); G.711 and AAC codecs

EdgeStorage: EdgeStorage Sync and EdgeStorage Gate for h264 or h265 codecs

Controls: Pan, Tilt, Zoom/Zoom in on the selected area; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only), Recorded Tours (Call/Recording); Embedded Wiper; Sensors (inputs); Relays (outputs)

Network: Multicast/Unicast; Basic/Digest authentication; UTP/TCP; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Protocols: ONVIF, RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Samsung Vandal-Resistant Dome Camera	SNV-6084	ver.3.00_141106
Samsung Vandal-Resistant Dome Camera	SNV-6084R	ver.3.01_140804
Samsung Vandal-Resistant Dome Camera	SNV-6085R	ver.1.01_160205
Samsung Vandal-Resistant Dome Camera	SNV-7080	ver.2.24_140701
Samsung Vandal-Resistant Dome Camera	SNV-7080R	ver.2.24_140701
Samsung Vandal-Resistant Dome Camera	SNV-7082	ver.1.24_140701
Samsung Vandal-Resistant Dome Camera	SNV-7084	ver.3.00_140915
Samsung Vandal-Resistant Dome Camera	SNV-7084R	ver.3.00_140915
Samsung Vandal-Resistant Dome Camera	SNV-8080	ver.1.00_140823
Samsung Vandal-Resistant Dome Camera	SNV-8081R	supported by specification
Samsung WiseNet Lite Camera	SNV-L5083R	ver.1.00_150403
Samsung WiseNet Lite Camera	SNV-L6013R	supported by specification
Samsung WiseNet Lite Camera	SNV-L6014RM	supported by specification
Samsung WiseNet Lite Camera	SNV-L6083R	ver.1.00_150403
Samsung Box Camera	SNZ-5200	ver.2.23_141105
Samsung Box Camera	SNZ-6320	ver.1.01_150224
Samsung Video Encoders	SPE-100	ver.2.34_140626
Samsung Video Encoders	SPE-101	ver.2.34_140626
Samsung Video Encoders	SPE-110	supported by specification
Samsung Video Encoders	SPE-1600R	ver.2.34_140626
Samsung Video Encoders	SPE-1610	supported by specification
Samsung Video Encoders	SPE-400	ver.2.34_140626
Samsung Video Encoders	SPE-410	supported by specification
Samsung Wisenet X Series	TNO-1050T	supported by specification
Samsung Corner Mount Camera	TNV-7010RC	supported by specification
5M Corner Mount compact camera	TNV-8010C	supported by specification
Samsung Wisenet X Series	XNB-6000	supported by specification
Samsung Wisenet X Series	XNB-6001	supported by specification
Samsung Wisenet X Series	XNB-6005	supported by specification
Samsung Wisenet X Series	XNB-8000	supported by specification
Samsung Wisenet X Series	XNB-8002	supported by specification
Samsung Wisenet X Series	XNB-9002	supported by specification
Samsung Fixed Dome Camera	XND-6010	supported by specification
Samsung Wisenet X Series	XND-6010R	supported by specification
Samsung Wisenet X Series	XND-6011F	supported by specification
Samsung Wisenet X Series	XND-6020	supported by specification
Samsung Wisenet X Series	XND-6020R	ver.1.00_170304
Samsung Wisenet X Series	XND-6080	supported by specification
Samsung Wisenet X Series	XND-6080R	supported by specification
Samsung Wisenet X Series	XND-6080RV	supported by specification
Samsung Wisenet X Series	XND-6080V	supported by specification
Samsung Fixed Dome Camera	XND-6081F	supported by specification
Samsung Fixed Dome Camera	XND-6081FZ	supported by specification

Integration Protocol: SUNAPI 2 (native Hanwha protocol)

Video: Multistreaming (up to 3 streams); H.265, H.264, and MJPEG codecs

Audio: Microphone (up to 1 stream); G.711 and AAC codecs

EdgeStorage: EdgeStorage Sync and EdgeStorage Gate for h264 or h265 codecs

Controls: Pan, Tilt, Zoom/Zoom in on the selected area; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only), Recorded Tours (Call/Recording); Embedded Wiper; Sensors (inputs); Relays (outputs)

Network: Multicast/Unicast; Basic/Digest authentication; UTP/TCP; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Protocols: ONVIF, RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Samsung Fixed Dome Camera	XND-6081REV	supported by specification
Samsung Fixed Dome Camera	XND-6081RF	supported by specification
Samsung Fixed Dome Camera	XND-6081RV	supported by specification
Samsung Fixed Dome Camera	XND-6081V	supported by specification
Samsung Fixed Dome Camera	XND-6081VZ	supported by specification
Samsung Wisenet X Series	XND-6085	supported by specification
Samsung Wisenet X Series	XND-6085V	supported by specification
Samsung Wisenet X Series	XND-8020F	supported by specification
Samsung Wisenet X Series	XND-8020R	ver.1.00_170304
Samsung Wisenet X Series	XND-8030R	ver.1.00_170304
Samsung Wisenet X Series	XND-8040R	ver.1.00_170304
Samsung Wisenet X Series	XND-8080R	supported by specification
Samsung Wisenet X Series	XND-8080RV	supported by specification
Samsung Fixed Dome Camera	XND-8081FZ	supported by specification
Samsung Fixed Dome Camera	XND-8081REV	supported by specification
Samsung Fixed Dome Camera	XND-8081RF	supported by specification
Samsung Fixed Dome Camera	XND-8081RV	supported by specification
Samsung Fixed Dome Camera	XND-8081VZ	supported by specification
Samsung Fixed Dome Camera	XND-8082RF	supported by specification
Samsung Fixed Dome Camera	XND-8082RV	supported by specification
Samsung Fixed Dome Camera	XND-9082RF	supported by specification
Samsung Fixed Dome Camera	XND-9082RV	supported by specification
Samsung Fixed Dome Camera	XND-L6080	supported by specification
Samsung Fixed Dome Camera	XND-L6080RV	supported by specification
Samsung Fixed Dome Camera	XND-L6080V	supported by specification
Samsung Wisenet X Series	XNF-8010R	supported by specification
Samsung Wisenet X Series	XNF-8010RV	supported by specification
Samsung Wisenet X Series	XNF-8010RVM	supported by specification
Samsung Wisenet X Series	XNF-9010RV	supported by specification
Samsung Wisenet X Series	XNO-6010R	ver.1.00_170304
Samsung Wisenet X Series	XNO-6020R	ver.1.00_170304
Samsung Wisenet X Series	XNO-6080R	supported by specification
Samsung Wisenet X Series	XNO-6085R	supported by specification
Samsung Wisenet X Series	XNO-6120R	supported by specification
Samsung Wisenet X Series	XNO-8020R	ver.1.00_170304
Samsung Wisenet X Series	XNO-8030R	ver.1.00_170304
Samsung Wisenet X Series	XNO-8040R	ver.1.00_170304
Samsung Wisenet X Series	XNO-8080R	supported by specification
Samsung Wisenet X Series	XNO-8082R	supported by specification
Samsung Wisenet X Series	XNO-9082R	supported by specification
Samsung Bullet Camera	XNO-L6080R	supported by specification
Samsung Wisenet X Series	XNP-6040H	supported by specification
Samsung Wisenet X Series	XNP-6120H	supported by specification

Integration Protocol: SUNAPI 2 (native Hanwha protocol)

Video: Multistreaming (up to 3 streams); H.265, H.264, and MJPEG codecs

Audio: Microphone (up to 1 stream); G.711 and AAC codecs

EdgeStorage: EdgeStorage Sync and EdgeStorage Gate for h264 or h265 codecs

Controls: Pan, Tilt, Zoom/Zoom in on the selected area; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only), Recorded Tours (Call/Recording); Embedded Wiper; Sensors (inputs); Relays (outputs)

Network: Multicast/Unicast; Basic/Digest authentication; UTP/TCP; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Protocols: ONVIF, RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Samsung PTZ Dome Camera	XNP-6250RH	supported by specification
Samsung PTZ Dome Camera	XNP-6320	supported by specification
Samsung PTZ Dome Camera	XNP-6320H	supported by specification
Samsung PTZ Dome Camera	XNP-6320HS	supported by specification
Samsung PTZ Dome Camera	XNP-6370H	supported by specification
Samsung Wisenet X Series	XNP-6370RH	supported by specification
Samsung Wisenet X Series	XNP-6371RH	supported by specification
Samsung Wisenet X Series	XNP-6400	supported by specification
Samsung Wisenet X Series	XNP-6400R	supported by specification
Samsung Wisenet X Series	XNP-6400RW	supported by specification
Samsung Wisenet X Series	XNP-6550RH	supported by specification
Samsung Wisenet X Series	XNP-8250	supported by specification
Samsung Wisenet X Series	XNP-8250R	supported by specification
Samsung Wisenet X Series	XNP-8300RW	supported by specification
Samsung Wisenet X Series	XNP-9250	supported by specification
Samsung Wisenet X Series	XNP-9250R	supported by specification
Samsung Wisenet X Series	XNP-9300RW	supported by specification
Samsung Vandal-Resistant Dome Camera	XNV-6010	supported by specification
Samsung Wisenet X Series	XNV-6010R	supported by specification
Samsung Wisenet X Series	XNV-6011	supported by specification
Samsung Vandal-Resistant Camera	XNV-6012	supported by specification
Samsung Vandal-Resistant Camera	XNV-6012M	supported by specification
Samsung Vandal-Resistant Camera	XNV-6013M	supported by specification
Samsung Wisenet X Series	XNV-6020	supported by specification
Samsung Wisenet X Series	XNV-6020R	ver.1.00_170304
Samsung Vandal-Resistant Camera	XNV-6022R	supported by specification
Samsung Vandal-Resistant Camera	XNV-6022RM	supported by specification
Samsung Wisenet X Series	XNV-6080	supported by specification
Samsung Wisenet X Series	XNV-6080R	supported by specification
Samsung Fixed Dome Camera	XNV-6081	supported by specification
Samsung Fixed Dome Camera	XNV-6081R	supported by specification
Samsung Fixed Dome Camera	XNV-6081RE	supported by specification
Samsung Vandal-Resistant Camera	XNV-6081Z	supported by specification
Samsung Wisenet X Series	XNV-6085	supported by specification
Samsung Wisenet X Series	XNV-6120	supported by specification
Samsung Wisenet X Series	XNV-6120R	supported by specification
Samsung Wisenet X Series	XNV-8020R	ver.1.00_170304
Samsung Wisenet X Series	XNV-8030R	ver.1.00_170304
Samsung Wisenet X Series	XNV-8040R	ver.1.00_170304
Samsung Wisenet X Series	XNV-8080R	supported by specification
Samsung Fixed Dome Camera	XNV-8081R	supported by specification
Samsung Fixed Dome Camera	XNV-8081RE	supported by specification
Samsung Vandal-Resistant Camera	XNV-8081Z	supported by specification

Integration Protocol: SUNAPI 2 (native Hanwha protocol)

Video: Multistreaming (up to 3 streams); H.265, H.264, and MJPEG codecs

Audio: Microphone (up to 1 stream); G.711 and AAC codecs

EdgeStorage: EdgeStorage Sync and EdgeStorage Gate for h264 or h265 codecs

Controls: Pan, Tilt, Zoom/Zoom in on the selected area; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only), Recorded Tours (Call/Recording); Embedded Wiper; Sensors (inputs); Relays (outputs)

Network: Multicast/Unicast; Basic/Digest authentication; UTP/TCP; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Protocols: ONVIF, RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Samsung Vandal-Resistant Camera	XNV-8082R	supported by specification
Samsung Vandal-Resistant Camera	XNV-9082R	supported by specification
Samsung Vandal-Resistant Dome Camera	XNV-L6080	supported by specification
Samsung Vandal-Resistant Dome Camera	XNV-L6080R	supported by specification
Samsung Wisenet X Series	XNZ-6320	supported by specification
Samsung Wisenet X Series	XNZ-L6320	supported by specification
Samsung Fixed Dome Camera	SND-3082FP	supported by specification
Samsung Fixed Bullet Camera	SNO-5080RP	supported by specification
Samsung Vandal-Resistant Dome Camera	SNV-5080P	supported by specification
Samsung Fixed Dome Camera	SND-6011RP	supported by specification
Samsung Vandal-Resistant Dome Camera	SNV-7080RP	supported by specification
Samsung Box Camera	SNB-1001P	supported by specification
Samsung Fixed Dome Camera	SND-5011P	supported by specification
Samsung Fixed Dome Camera	SND-7011P	supported by specification
Samsung Fixed Dome Camera	SND-6084RP	supported by specification
Samsung Fixed Dome Camera	SNC-L200P	supported by specification
Samsung Fixed Dome Camera	SND-6083P	supported by specification
Samsung Fixed Dome Camera	SND-6084P	supported by specification
Samsung Fixed Bullet Camera	SNO-6084RP	supported by specification
Samsung Box Camera	SNB-5003P	supported by specification
Samsung Box Camera	SNB-9000P	supported by specification
Samsung Fixed Dome Camera	SND-5084RP	supported by specification
Samsung Fixed Dome Camera	SND-L5013P	supported by specification
Samsung Fixed Dome Camera	SND-L5083RP	supported by specification
Samsung Fixed Bullet Camera	SNO-L6013RP	supported by specification
Samsung Vandal-Resistant Dome Camera	SNV-L5083RP	supported by specification
Samsung Box Camera	SNB-6011P	supported by specification
Samsung Fixed Dome Camera	SND-7084RP	supported by specification
Samsung Fixed Dome Camera	SND-E5011RP	supported by specification
Samsung Fixed Dome Camera	SND-E6011RP	supported by specification
Samsung Box Camera	SNH-E6411BN	supported by specification
Samsung Box Camera	SNH-E6440BN	supported by specification
Samsung Fixed Bullet Camera	SNO-E5011RP	supported by specification
Samsung Fixed Bullet Camera	SNO-E5031RP	supported by specification
Samsung Fixed Bullet Camera	SNO-E5041RP	supported by specification
Samsung Fixed Bullet Camera	SNO-E6011RP	supported by specification
Samsung Fixed Bullet Camera	SNO-E6031RP	supported by specification
Samsung Fixed Bullet Camera	SNO-E6041RP	supported by specification
Samsung PTZ Dome Camera	SNP-5321HP	supported by specification
Samsung Vandal-Resistant Dome Camera	SNV-7084P	supported by specification
Samsung Box Camera	SNB-6004FP	supported by specification
Samsung Vandal-Resistant Dome Camera	SNV-8081RP	supported by specification
Samsung Fixed Dome Camera	QND-6020RP	supported by specification

Integration Protocol: SUNAPI 2 (native Hanwha protocol)

Video: Multistreaming (up to 3 streams); H.265, H.264, and MJPEG codecs

Audio: Microphone (up to 1 stream); G.711 and AAC codecs

EdgeStorage: EdgeStorage Sync and EdgeStorage Gate for h264 or h265 codecs

Controls: Pan, Tilt, Zoom/Zoom in on the selected area; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only), Recorded Tours (Call/Recording); Embedded Wiper; Sensors (inputs); Relays (outputs)

Network: Multicast/Unicast; Basic/Digest authentication; UTP/TCP; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Protocols: ONVIF, RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Samsung Fixed Dome Camera	QND-7010RP	supported by specification
Samsung Fixed Dome Camera	QND-7080RP	supported by specification
Samsung Fixed Bullet Camera	QNO-6020RP	supported by specification
Samsung Vandal-Resistant Dome Camera	QNV-7080RP	supported by specification
Samsung PTZ Dome Camera	SNP-L6233HP	supported by specification
Samsung Fixed Dome Camera	XND-6080P	supported by specification
Samsung Vandal-Resistant Dome Camera	XNV-6010P	supported by specification

Integration Protocol: ONVIF

Video: All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs; UDP/TCP protocols

Audio: All channels available in device; Microphone (audio-in); G.711, AAC codecs

EdgeStorage: EdgeStorage Sync and EdgeStorage Gate for h264 or h265 codecs

Controls: Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only); Sensors (inputs); Relays (outputs)

Network: Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Versions: 32-bit and 64-bit (64-bit version is available in SecurOS Premium and higher)

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Protocols: RTSP (support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Siqura Box Camera	BC1103	supported by specification
Siqura Box Camera	BC620WDR	supported by specification
Siqura Box Camera	BC620WDR-AID	supported by specification
Siqura Box Camera	BC620WDR-AID /TDC	supported by specification
Siqura Box Camera	BC820	supported by specification
Siqura Box Camera	BC820EXP	supported by specification
Siqura Box Camera	BC820H1	supported by specification
Siqura Box Camera	BC820v2	supported by specification
Siqura Box Camera	BC820v2H3	supported by specification
Siqura Box Camera	BC840-AID	supported by specification
Siqura Box Camera	BC840-MC	supported by specification
Siqura Box Camera	BC840-PID	supported by specification
Siqura Box Camera	BC840-PID-XT	supported by specification
Siqura Box Camera	BC840v2	supported by specification
Siqura Box Camera	BC860	supported by specification
Siqura Bullet Camera	BL1002F4-EI	supported by specification
Siqura Bullet Camera	BL1004F4-EI	supported by specification
Siqura Bullet Camera	BL1004M1-EI	supported by specification
Siqura Bullet Camera	BL1103M1-EI	supported by specification
Siqura Bullet Camera	BL2002F4-EI	supported by specification
Siqura Bullet Camera	BL2002M1-EI	supported by specification
Siqura Bullet Camera	BL2005M1-EI	supported by specification
Siqura Bullet Camera	BL810F1IR	supported by specification
Siqura Bullet Camera	BL820M1IR	supported by specification
Siqura Bullet Camera	BL820v2M1IR	supported by specification
Siqura Compact Dome Camera	CD1002F2-EI	supported by specification
Siqura Compact Dome Camera	CD1004F2-EI	supported by specification
Siqura Compact Dome Camera	CD810F1	supported by specification
Siqura Compact Dome Camera	CD820F1	supported by specification
SIQURA Encoder	C-54 E-MC	supported by specification
SIQURA Encoder	C-60 E-MC	supported by specification
SIQURA Encoder	C620 E	supported by specification
SIQURA Encoder	C620 E-PID	supported by specification
SIQURA Encoder	EVE 4x4	supported by specification
SIQURA Encoder	EVE FOUR	supported by specification
SIQURA Encoder	EVE ONE	supported by specification
SIQURA Encoder	S-50 E-MSA	supported by specification
SIQURA Encoder	S-54 E	supported by specification
SIQURA Encoder	S-60 E	ver.4.22.8
SIQURA Encoder	S620 E	supported by specification
SIQURA Encoder	S-64 E v2	supported by specification

Integration Protocol: ONVIF

Video: All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs; UDP/TCP protocols

Audio: All channels available in device; Microphone (audio-in); G.711, AAC codecs

EdgeStorage: EdgeStorage Sync and EdgeStorage Gate for h264 or h265 codecs

Controls: Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only); Sensors (inputs); Relays (outputs)

Network: Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Versions: 32-bit and 64-bit (64-bit version is available in SecurOS Premium and higher)

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Protocols: RTSP (support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
SIQURA Encoder	S-64 E/32 GB	supported by specification
SIQURA Encoder	S-64 E/XT	supported by specification
SIQURA Encoder	S-68 E	supported by specification
Siqura Fisheye Camera	FD360IR	supported by specification
Siqura Fisheye Camera	FD360IR-E	supported by specification
SIQURA Fixed Box Camera	BC2x Series	supported by specification
Siqura Fixed Camera	Tunnel Cam Ultimo	supported by specification
Siqura Fixed Dome Camera	CD820F2	supported by specification
Siqura Fixed Dome Camera	FD1002V1-EI	supported by specification
Siqura Fixed Dome Camera	FD1004M1-EI	supported by specification
Siqura Fixed Dome Camera	FD1103M1-EI	supported by specification
Siqura Fixed Dome Camera	FD1103M1-I	supported by specification
Siqura Fixed Dome Camera	FD2002F2-EI	supported by specification
Siqura Fixed Dome Camera	FD2002M1-EI	supported by specification
Siqura Fixed Dome Camera	FD2005M1-EI	supported by specification
Siqura Fixed Dome Camera	FD810V1IR	supported by specification
Siqura Fixed Dome Camera	FD820M1IR	supported by specification
Siqura Fixed Dome Camera	FD820M1IR-SPF	supported by specification
Siqura Fixed Dome Camera	FD820v2M1IR	supported by specification
Siqura Fixed Dome Camera	FD920	supported by specification
Siqura Fixed Dome Camera	IFD820V1IR	supported by specification
Siqura PTZ Camera	TrafficPTZ Ultimo	supported by specification
SIQURA PTZ Dome Camera	HD26 WDR	ver.1.0.1
SIQURA PTZ Dome Camera	HD66 WDR	supported by specification
Siqura PTZ Dome Camera	HSD620 /P	supported by specification
Siqura PTZ Dome Camera	HSD621PRH	supported by specification
Siqura PTZ Dome Camera	HSD622	supported by specification
Siqura PTZ Dome Camera	HSD626	supported by specification
Siqura PTZ Dome Camera	HSD820H2-E	supported by specification
Siqura PTZ Dome Camera	HSD820H2-I	supported by specification
Siqura PTZ Dome Camera	HSD820H3-E	supported by specification
Siqura PTZ Dome Camera	HSD820H3PRH	supported by specification
Siqura PTZ Dome Camera	HSD820v2H3-E	supported by specification
Siqura PTZ Dome Camera	MSD620 /P	supported by specification
Siqura PTZ Dome Camera	PD1103Z2-E	supported by specification
Siqura PTZ Dome Camera	PD1103Z2-EI	supported by specification
Siqura Thermal Camera	TC620-PID	supported by specification
Siqura Thermal Camera	TC840R1	supported by specification
Siqura Video Encoder	C-60 E-MC	supported by specification
Siqura Video Encoder	C620 E	supported by specification
Siqura Xtreme Camera	HSD820H3 MDC	supported by specification
Siqura Xtreme Camera	HSD820H3 PD	supported by specification

Integration Protocol: ONVIF

Video: All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs; UDP/TCP protocols

Audio: All channels available in device; Microphone (audio-in); G.711, AAC codecs

EdgeStorage: EdgeStorage Sync and EdgeStorage Gate for h264 or h265 codecs

Controls: Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only); Sensors (inputs); Relays (outputs)

Network: Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Versions: 32-bit and 64-bit (64-bit version is available in SecurOS Premium and higher)

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Protocols: RTSP (support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Siquira Xtreme Camera	HSD820H3 SA	supported by specification
Siquira Xtreme Camera	SA-BC820v2H3 F	supported by specification
Siquira Xtreme Camera	SA-BC820v2H3-TC620 D	supported by specification
Siquira Xtreme Camera	SA-DC820v2H3 PTZ	supported by specification
Siquira Xtreme Camera	SA-TC620 PTZ	supported by specification
Siquira Xtreme Camera	SA-TC620-PID F	supported by specification
Siquira Xtreme Camera	SA-TC840R1 F	supported by specification
Siquira Xtreme Camera	SA-TC840R1 PTZ	supported by specification
Siquira Explosion-Proof PTZ Camera	EX-PD24	supported by specification
Siquira Box Camera	BC822v2H3-AS	supported by specification
Siquira Box Camera	BC980H2	supported by specification
Siquira Fixed Dome Camera	FD360v2	supported by specification
Siquira Fixed Dome Camera	FD910	supported by specification
Siquira Fixed Dome Camera	FD1104FR	supported by specification
Siquira Box Camera	BC910	supported by specification
Siquira PTZ Camera	PD1022	supported by specification
Siquira Box Camera	BC840-PID-XT	supported by specification
Siquira PTZ Camera	PD900	supported by specification
Siquira PTZ Camera	PD1104Z2-EI	supported by specification
Siquira PTZ Camera	PD920	supported by specification
Siquira Box Camera	BC920	supported by specification
Siquira Fixed Dome Camera	FD920	supported by specification
Siquira Bullet Camera	BL2002LPR	supported by specification
Siquira Box Camera	BC822v2H3	supported by specification
Siquira Fixed Dome Camera	FD980	supported by specification
Siquira Box Camera	BC980	supported by specification
Siquira Bullet Camera	BL980	supported by specification
Siquira PTZ Camera	PD910	supported by specification
Siquira Thermal Camera	XCU Compact 316L	supported by specification
Siquira Thermal Camera	XCU C Thermal 2SM	supported by specification
Siquira Thermal Camera	XCU Compact R1	supported by specification
Siquira Stainless-Steel Samera	XCU C 2SM	supported by specification
Siquira Stainless-Steel Samera	XCU Fusion 2SM	supported by specification
Siquira Stainless-Steel Samera	XCU Fusion	supported by specification

Integration Protocol: ONVIF

Video: All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs; UDP/TCP protocols

Audio: All channels available in device; Microphone (audio-in); G.711, AAC codecs

EdgeStorage: EdgeStorage Sync and EdgeStorage Gate for h264 or h265 codecs

Controls: Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only); Sensors (inputs); Relays (outputs)

Network: Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Versions: 32-bit and 64-bit (64-bit version is available in SecurOS Premium and higher)

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Protocols: RTSP (support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Sony Fixed Compact Camera	SNC-CH110	supported by specification
Sony Fixed Box Camera	SNC-CH115	supported by specification
Sony Fixed Box Camera	SNC-CH120	supported by specification
Sony Fixed Box Camera	SNC-CH135	supported by specification
Sony Fixed Box Camera	SNC-CH140	supported by specification
Sony Fixed Bullet Camera	SNC-CH160	supported by specification
Sony Fixed Bullet Camera	SNC-CH180	supported by specification
Sony Fixed Compact Camera	SNC-CH210	supported by specification
Sony Fixed Box Camera	SNC-CH220	supported by specification
Sony Fixed Box Camera	SNC-CH240	supported by specification
Sony Fixed Bullet Camera	SNC-CH260	supported by specification
Sony Fixed Bullet Camera	SNC-CH280	supported by specification
Sony Fixed Camera	SNC-CW600W	supported by specification
Sony Fixed Cube Camera	SNC-CX600	supported by specification
Sony Fixed Cube Camera	SNC-CX600W	supported by specification
Sony Fixed Compact Camera	SNC-DH110	supported by specification
Sony Fixed Compact Camera	SNC-DH110T	supported by specification
Sony Fixed Minidome Camera	SNC-DH120	supported by specification
Sony Fixed Vandal-resistant Minidome Camra	SNC-DH120T	supported by specification
Sony Fixed Minidome Camera	SNC-DH140	supported by specification
Sony Fixed Vandal-resistant Minidome Camra	SNC-DH140T	supported by specification
Sony Fixed Dome Camera	SNC-DH160	supported by specification
Sony Fixed Dome Camera	SNC-DH180	supported by specification
Sony Fixed Compact Camera	SNC-DH210	supported by specification
Sony Fixed Compact Camera	SNC-DH210T	supported by specification
Sony Fixed Minidome Camera	SNC-DH220	supported by specification
Sony Fixed Vandal-resistant Minidome Camra	SNC-DH220T	supported by specification
Sony Fixed Minidome Camera	SNC-DH240	supported by specification
Sony Fixed Vandal-resistant Minidome Camra	SNC-DH240T	supported by specification
Sony Fixed Dome Camera	SNC-DH260	supported by specification
Sony Fixed Dome Camera	SNC-DH280	supported by specification
Sony Fixed Box Camera	SNC-EB520	supported by specification
Sony Fixed Box Camera	SNC-EB600	supported by specification
Sony Fixed Box Camera	SNC-EB600B	supported by specification
Sony Fixed Bullet Camera	SNC-EB602R	supported by specification
Sony Fixed Box Camera	SNC-EB630	supported by specification
Sony Fixed Box Camera	SNC-EB630B	supported by specification
Sony Fixed Bullet Camera	SNC-EB632R	supported by specification
Sony Fixed Box Camera	SNC-EB640	supported by specification
Sony Fixed Bullet Camera	SNC-EB642R	supported by specification
Sony Fixed Minidome Camera	SNC-EM520	supported by specification

Integration Protocol: ONVIF

Video: All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs; UDP/TCP protocols

Audio: All channels available in device; Microphone (audio-in); G.711, AAC codecs

EdgeStorage: EdgeStorage Sync and EdgeStorage Gate for h264 or h265 codecs

Controls: Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only); Sensors (inputs); Relays (outputs)

Network: Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Versions: 32-bit and 64-bit (64-bit version is available in SecurOS Premium and higher)

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Protocols: RTSP (support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Sony Fixed Vandal-resistant Minidome Camra	SNC-EM521	supported by specification
Sony Fixed Minidome Camera	SNC-EM600	supported by specification
Sony Fixed Vandal-resistant Minidome Camra	SNC-EM601	supported by specification
Sony Fixed Dome Camera	SNC-EM602R	supported by specification
Sony Fixed Dome Camera	SNC-EM602RC	supported by specification
Sony Fixed Minidome Camera	SNC-EM630	supported by specification
Sony Fixed Vandal-resistant Minidome Camra	SNC-EM631	supported by specification
Sony Fixed Dome Camera	SNC-EM632R	supported by specification
Sony Fixed Dome Camera	SNC-EM632RC	supported by specification
Sony Fixed Vandal-resistant Minidome Camra	SNC-EM641	supported by specification
Sony Fixed Minidome Camera	SNC-EM642R	supported by specification
Sony PTZ Dome Camera	SNC-EP520	supported by specification
Sony PTZ Dome Camera	SNC-EP521	supported by specification
Sony PTZ Dome Camera	SNC-EP550	supported by specification
Sony PTZ Dome Camera	SNC-EP580	supported by specification
Sony PTZ Dome Camera	SNC-ER520	supported by specification
Sony PTZ Dome Camera	SNC-ER521	supported by specification
Sony PTZ Dome Camera	SNC-ER550	supported by specification
Sony PTZ Dome Camera	SNC-ER580	supported by specification
Sony PTZ Dome Camera	SNC-ER585	supported by specification
Sony PTZ Dome Camera	SNC-ER585H	supported by specification
Sony 360-degree Hemispheric-vie Camera	SNC-HM662	supported by specification
Sony PTZ Dome Camera	SNC-RH124	supported by specification
Sony PTZ Dome Camera	SNC-RH164	supported by specification
Sony PTZ Dome Camera	SNC-RS44N	supported by specification
Sony PTZ Dome Camera	SNC-RS44P	supported by specification
Sony PTZ Dome Camera	SNC-RS46N	supported by specification
Sony PTZ Dome Camera	SNC-RS46P	supported by specification
Sony PTZ Dome Camera	SNC-RS84N	supported by specification
Sony PTZ Dome Camera	SNC-RS84P	supported by specification
Sony PTZ Dome Camera	SNC-RS86N	supported by specification
Sony PTZ Dome Camera	SNC-RS86P	supported by specification
Sony Fixed Box Camera	SNC-VB600	supported by specification
Sony Fixed Box Camera	SNC-VB600B	supported by specification
Sony Fixed Box Camera	SNC-VB630	supported by specification
Sony Fixed Bullet Camera	SNC-VB632D	supported by specification
Sony Fixed Box Camera	SNC-VB635	supported by specification
Sony Fixed Box Camera	SNC-VB640	supported by specification
Sony Fixed Bullet Camera	SNC-VB642D	supported by specification
Sony Fixed Box Camera	SNC-VB770	supported by specification
Sony Fixed Minidome Camera	SNC-VM600	supported by specification
Sony Fixed Minidome Camera	SNC-VM600B	supported by specification

Integration Protocol: ONVIF

Video: All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs; UDP/TCP protocols

Audio: All channels available in device; Microphone (audio-in); G.711, AAC codecs

EdgeStorage: EdgeStorage Sync and EdgeStorage Gate for h264 or h265 codecs

Controls: Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only); Sensors (inputs); Relays (outputs)

Network: Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Versions: 32-bit and 64-bit (64-bit version is available in SecurOS Premium and higher)

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Protocols: RTSP (support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Sony Fixed Vandal-resistant Minidome Camra	SNC-VM601	supported by specification
Sony Fixed Vandal-resistant Minidome Camra	SNC-VM601B	supported by specification
Sony Fixed Dome Camera	SNC-VM602R	supported by specification
Sony Fixed Minidome Camera	SNC-VM630	supported by specification
Sony Fixed Vandal-resistant Minidome Camra	SNC-VM631	supported by specification
Sony Fixed Dome Camera	SNC-VM632R	supported by specification
Sony Fixed Vandal-resistant Minidome Camra	SNC-VM641	supported by specification
Sony Fixed Minidome Camera	SNC-VM642R	supported by specification
Sony Fixed Dome Camera	SNC-VM772R	supported by specification
Sony PTZ Dome Camera	SNC-WR600	supported by specification
Sony PTZ Dome Camera	SNC-WR602	supported by specification
Sony PTZ Dome Camera	SNC-WR602C	supported by specification
Sony PTZ Dome Camera	SNC-WR630	supported by specification
Sony PTZ Dome Camera	SNC-WR632	supported by specification
Sony PTZ Dome Camera	SNC-WR632C	supported by specification
Sony Fixed Minidome Camera	SNC-XM631	supported by specification
Sony Fixed Minidome Camera	SNC-XM632	supported by specification
Sony Fixed Minidome Camera	SNC-XM636	supported by specification
Sony Fixed Minidome Camera	SNC-XM637	supported by specification
Sony Fixed Box Camera	SNC-ZB550	supported by specification
Sony Fixed Minidome Camera	SNC-ZM550	supported by specification
Sony Fixed Vandal-resistant Minidome Camra	SNC-ZM551	supported by specification
Sony PTZ Dome Camera	SNC-ZP550	supported by specification
Sony PTZ Dome Camera	SNC-ZR550	supported by specification
Sony Video Surveillance Encoder	SNT-EP104	supported by specification
Sony Video Surveillance Encoder	SNT-EP154	supported by specification
Sony Video Surveillance Encoder	SNT-EX101	supported by specification
Sony Video Surveillance Encoder	SNT-EX101E	supported by specification
Sony Video Surveillance Encoder	SNT-EX104	supported by specification
Sony Video Surveillance Encoder	SNT-EX154	supported by specification
Sony Fixed Minidome Camera	SNC-EMX52R	supported by specification
Sony Fixed Minidome Camera	SNC-EMX50R	supported by specification
Sony Fixed Minidome Camera	SNC-EMX50	supported by specification
Sony Fixed Minidome Camera	SNC-EMX32R	supported by specification
Sony Fixed Minidome Camera	SNC-EMX30R	supported by specification
Sony Fixed Minidome Camera	SNC-EMX30	supported by specification

Integration Protocol: ONVIF

Video: All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs; UDP/TCP protocols;

Audio: All channels available in device; Microphone (audio-in); G.711 codec;

Controls: Zoom; Focus;

Network: Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Tested Firmware
Synergo IPS Bullet Series	2VM12	v.2.800.14SW003.0.R, Build Date 2020-07-29
Synergo IPS Dome Series	2VM12	supported by specification
Synergo IPS Bullet Series	5VM12	v.2.800.14SW002.0.R, Build Date: 2020-07-29
Synergo IPS Bullet Series	5VM35	v.2.800.14SW003.0.R, Build Date 2020-07-29
Synergo IPS Dome Series	5VM35	supported by specification
Synergo IPS Bullet Series	B2/12	v.2.800.0000000.10.R, Build Date 2019-11-18
Synergo IPS Bullet Series	B5/12	v.2.800.0000000.10.R, Build Date 2019-11-18
Synergo IPS Bullet Series	B5/50	v.2.800.0000000.10.R, Build Date 2019-11-18
Synergo IPS Dome Series	D2/12	v.2.800.0000000.10.R, Build Date 2019-11-18
Synergo IPS Dome Series	D5/12	v.2.800.0000000.10.R, Build Date 2019-11-18
Synergo IPS Dome Series	O2VM11	v.2.800.14SW000.0.R, Build Date: 2020-12-21
Synergo IPS Bullet Series	O2VM11	supported by specification
Synergo IPS Bullet Series	O4VM13	v.2.800.14SW001.0.R, Build Date: 2020-08-29
Synergo IPS Dome Series	O4VM13	supported by specification
Synergo IPS Dome Series	O2F	supported by specification
Synergo IPS Dome Series	O2VM11	supported by specification
Synergo IPS Bullet Series	O2F	supported by specification
Synergo IPS Bullet Series	5VM75	supported by specification
Synergo IPS Bullet Series	5VM50	supported by specification
Synergo IPS Bullet Series	8VM75	supported by specification
Synergo IPS PTZ Series	2VM120	supported by specification
Synergo IPS PTZ Series	4VM177	supported by specification
Synergo IPS PTZ Series	8VM223	supported by specification

Integration Protocol: ONVIF

Video: All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs; UDP/TCP protocols

Audio: All channels available in device; Microphone (audio-in); G.711, AAC codecs

EdgeStorage: EdgeStorage Sync and EdgeStorage Gate for h264 or h265 codecs

Controls: Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only); Sensors (inputs); Relays (outputs)

Network: Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Supported Protocols: RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
1.3MP IR Mini Bullet Camera	IPC2121SR3	supported by specification
1.3MP IR Mini Bullet Camera	IPC2121SR3-PF120	supported by specification
1.3MP IR Mini Bullet Camera	IPC2121SR3-PF36	supported by specification
1.3MP IR Mini Bullet Camera	IPC2121SR3-PF60	supported by specification
2MP IR Mini Bullet Camera	IPC2122SR3	supported by specification
2MP IR Mini Bullet Camera	IPC2122SR3-PF120	supported by specification
2MP IR Mini Bullet Camera	IPC2122SR3-PF36	supported by specification
2MP Fixed Mini Bullet Camera	IPC2122SR3-PF40-B	supported by specification
2MP IR Mini Bullet Camera	IPC2122SR3-PF60	supported by specification
2MP Fixed Mini Bullet Camera	IPC2122SR3-PF60-B	supported by specification
2MP IR Mini Bullet Camera	IPC2122SR3-UPF36	supported by specification
2MP IR Mini Bullet Camera	IPC2122SR3-UPF40	supported by specification
2MP IR Mini Bullet Camera	IPC2122SR3-UPF40-C	supported by specification
2MP IR Mini Bullet Camera	IPC2122SR3-UPF60	supported by specification
2MP IR Mini Bullet Camera	IPC2122SR3-UPF60-C	supported by specification
4MP IR Mini Bullet Camera	IPC2124SR3	supported by specification
4MP WDR IR Mini Bullet Camera	IPC2124SR3-DPF120	supported by specification
4MP WDR IR Mini Bullet Camera	IPC2124SR3-DPF36	supported by specification
4MP WDR IR Mini Bullet Camera	IPC2124SR3-DPF36-16G	supported by specification
4MP WDR IR Mini Bullet Camera	IPC2124SR3-DPF60	supported by specification
4MP WDR IR Mini Bullet Camera	IPC2124SR3-DPF60-16G	supported by specification
5MP IR Mini Bullet Camera	IPC2125SR3	supported by specification
8MP Fixed Bullet Camera	IPC2128SR3	supported by specification
1.3MP IR Bullet Camera	IPC2211ER3-F120	supported by specification
1.3MP IR Bullet Camera	IPC2211ER3-F36	supported by specification
1.3MP IR Bullet Camera	IPC2211ER3-F60	supported by specification
1.3MP IR Bullet Camera	IPC2211ER3-PF120	supported by specification
1.3MP IR Bullet Camera	IPC2211ER3-PF36	supported by specification
1.3MP IR Bullet Camera	IPC2211ER3-PF60	supported by specification
1.3MP IR Bullet Camera	IPC2211SR3-F120	supported by specification
1.3MP IR Bullet Camera	IPC2211SR3-F36	supported by specification
1.3MP IR Bullet Camera	IPC2211SR3-F60	supported by specification
1.3MP IR Bullet Camera	IPC2211SR3-PF120	supported by specification
1.3MP IR Bullet Camera	IPC2211SR3-PF36	supported by specification
1.3MP IR Bullet Camera	IPC2211SR3-PF60	supported by specification
2MP IR Bullet Camera	IPC2212ER3-F120	supported by specification
2MP IR Bullet Camera	IPC2212ER3-F36	supported by specification
2MP IR Bullet Camera	IPC2212ER3-F60	supported by specification
2MP IR Bullet Camera	IPC2212ER3-PF120	supported by specification
2MP IR Bullet Camera	IPC2212ER3-PF36	supported by specification
2MP IR Bullet Camera	IPC2212ER3-PF60	supported by specification
1.3MP WDR IR Bullet Camera	IPC221E-DIR-F120-IN	supported by specification
1.3MP WDR IR Bullet Camera	IPC221E-DIR-F60-IN	supported by specification
1.3MP WDR IR Bullet Camera	IPC221ER-DF36	supported by specification
1MP IR Fixed Bullet Camera	IPC221L-IR-F120-IN	supported by specification
1MP IR Fixed Bullet Camera	IPC221L-IR-F60-IN	supported by specification
1.3MP IR Fixed Bullet Camera	IPC221S-IR-F120-IN	supported by specification
1.3MP IR Fixed Bullet Camera	IPC221S-IR-F60-IN	supported by specification
2MP Fixed Bullet Camera	IPC2222ER5-UPF40-C	supported by specification
2MP Fixed Bullet Camera	IPC2222ER5-UPF60-C	supported by specification

Integration Protocol: ONVIF

Video: All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs; UDP/TCP protocols

Audio: All channels available in device; Microphone (audio-in); G.711, AAC codecs

EdgeStorage: EdgeStorage Sync and EdgeStorage Gate for h264 or h265 codecs

Controls: Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only); Sensors (inputs); Relays (outputs)

Network: Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Supported Protocols: RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
2MP Starlight Fixed Bullet Camera	IPC2222SR5	supported by specification
2MP Fixed Bullet Camera	IPC2222SR5-UPF40-B	supported by specification
2MP Fixed Bullet Camera	IPC2222SR5-UPF60-B	supported by specification
4MP WDR Fixed Bullet Camera	IPC2224SR5	supported by specification
4MP WDR Fixed Bullet Camera	IPC2224SR5-DPF40-B	supported by specification
4MP WDR Fixed Bullet Camera	IPC2224SR5-DPF60-B	supported by specification
2MP IR Bullet Camera	IPC222E-IR-F120-IN	supported by specification
2MP IR Bullet Camera	IPC222E-IR-F60-IN	supported by specification
2MP IR Bullet Camera	IPC222ER-F36	supported by specification
1.3MP VF IR Bullet Camera	IPC2321EBR-P	supported by specification
1.3MP VF IR Bullet Camera	IPC2321ER-P	supported by specification
2MP VF IR Fixed Bullet Camera	IPC2322EBR	supported by specification
2MP VF IR Fixed Bullet Camera	IPC2322EBR5	supported by specification
2MP VF IR Bullet Camera	IPC2322EBR5-DPZ28-C	supported by specification
2MP VF IR Bullet Camera	IPC2322EBR5-P-C	supported by specification
2MP Motorized VF IR Bullet Camera	IPC2322EBR-DPZ28	supported by specification
2MP VF IR Bullet Camera	IPC2322EBR-P	supported by specification
2MP VF IR Bullet Camera	IPC2322ER-P	supported by specification
4MP VF IR Fixed Bullet Camera	IPC2324EBR	supported by specification
4MP VF IR Bullet Camera	IPC2324EBR-DP	supported by specification
4MP Motorized VF IR Bullet Camera	IPC2324EBR-DPZ28	supported by specification
8MP VF IR Fixed Bullet Camera	IPC2328SBR5-DPZ-NB1	supported by specification
1.3MP WDR Low-light VF IR Bullet Camera	IPC241E-DLIR-IN	supported by specification
1.3MP VF IR Bullet Camera	IPC241E-IR-IN	supported by specification
1.3MP Motorized VF IR Bullet Camera	IPC241E-IR-Z-IN	supported by specification
1.3MP WDR Low-light VF IR Bullet Camera	IPC241ER5-DL	supported by specification
1.3MP VF IR Fixed Bullet Camera	IPC241L-IN	supported by specification
1.3MP IR Fixed Bullet Camera	IPC241L-IR-F120-IN	supported by specification
1.3MP IR Fixed Bullet Camera	IPC241L-IR-F60-IN	supported by specification
1.3MP VF IR Bullet Camera	IPC241L-IR-IN	supported by specification
2MP IR Fixed Bullet Camera	IPC242E-DIR-IN	supported by specification
2MP WDR Low-light VF IR Bullet Camera	IPC242E-DLIR-IN	supported by specification
2MP VF IR Bullet Camera	IPC242E-IR-IN	supported by specification
2MP Motorized VF IR Bullet Camera	IPC242E-IR-Z-IN	supported by specification
2MP WDR Low-light VF IR Bullet Camera	IPC242ER5-DL	supported by specification
2MP VF Fixed Bullet Camera	IPC242L-IN	supported by specification
2MP IR Fixed Bullet Camera	IPC242L-IR-F120-IN	supported by specification
2MP IR Fixed Bullet Camera	IPC242L-IR-F60-IN	supported by specification
2MP WDR Starlight VF IR Bullet Camera	IPC242L-IR-IN	supported by specification
2MP 22x WDR Starlight IR Bullet Camera	IPC252ERA-X22DUG	supported by specification
2MP AF WDR IR Starlight Bullet Camera	IPC262EFW	supported by specification
2MP WDR Starlight AF IR Bullet Camera	IPC262EFW-DUZ	supported by specification
2MP AF WDR IR Starlight Bullet Camera	IPC262ER9	supported by specification
2MP WDR Starlight VF IR Bullet Camera	IPC262ER9-DUZ	ver.IPC_Q1201-B5012P01D1512
2MP WDR Starlight AF IR Bullet Camera	IPC262ER9-x10DU	supported by specification
2MP WDR Starlight AF IR Bullet Camera	IPC262ER9-x10DUG	supported by specification
8MP VF Fixed Bullet Camera	IPC268ER9	supported by specification
4K WDR Ultra-HD VF Bullet Camera	IPC268ER9-DZ	supported by specification
2MP Vandal-resistant IR Mini Dome Camera	IPC312SR	supported by specification
2MP VR IR Fixed Mini Dome Camera	IPC312SR-VPF28	supported by specification
2MP VR IR Fixed Mini Dome Camera	IPC312SR-VPF36	supported by specification

Integration Protocol: ONVIF

Video: All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs; UDP/TCP protocols

Audio: All channels available in device; Microphone (audio-in); G.711, AAC codecs

EdgeStorage: EdgeStorage Sync and EdgeStorage Gate for h264 or h265 codecs

Controls: Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only); Sensors (inputs); Relays (outputs)

Network: Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Supported Protocols: RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
4MP Vandal-resistant IR Mini Dome Camera	IPC314SR	supported by specification
4MP VR IR Fixed Mini Dome Camera	IPC314SR-DVPF28	supported by specification
4MP VR IR Fixed Mini Dome Camera	IPC314SR-DVPF36	supported by specification
1.3MP WDR Vandal-resistant Dome Camera	IPC321E-D-F21-IN	supported by specification
1.3MP WDR Vandal-resistant IR Dome Camera	IPC321E-DIR-F36-IN	supported by specification
1.3MP WDR Vandal-resistant IR Dome Camera	IPC321E-DIR-F60-IN	supported by specification
1.3MP WDR Vandal-resistant IR Dome Camera	IPC321ER-DF28	supported by specification
1MP IR Fixed Dome Camera	IPC321L-IR-F36-IN	supported by specification
1MP IR Fixed Dome Camera	IPC321L-IR-F60-IN	supported by specification
1.3MP IR Fixed Dome Camera	IPC321S-IR-F36-IN	supported by specification
1.3MP IR Fixed Dome Camera	IPC321S-IR-F60-IN	supported by specification
1.3MP Vandal-resistant IR Dome Camera	IPC321SR3	supported by specification
1.3MP VR IR Fixed Dome Camera	IPC321SR3-VSPF28	supported by specification
1.3MP VR IR Fixed Dome Camera	IPC321SR3-VSPF40	supported by specification
1.3MP VR IR Fixed Dome Camera	IPC321SR3-VSPF60	supported by specification
2MP VR IR Fixed Dome Camera	IPC322E-IR-F36-IN	supported by specification
2MP VR IR Fixed Dome Camera	IPC322E-IR-F60-IN	supported by specification
2MP WDR Vandal-resistant Dome Camera	IPC322ER3	supported by specification
2MP WDR Starlight VR Fixed Dome Camera	IPC322ER3-DUVPF28-B	supported by specification
2MP WDR Starlight VR Fixed Dome Camera	IPC322ER3-DUVPF40-B	supported by specification
2MP WDR Vandal-resistant Dome Camera	IPC322ER3-DVPF28	supported by specification
2MP WDR Vandal-resistant Dome Camera	IPC322ER3-DVPF36	supported by specification
2MP WDR Vandal-resistant Dome Camera	IPC322ER3-DVPF60	supported by specification
2MP VR IR Fixed Dome Camera	IPC322ER-F28	supported by specification
2MP WDR Vandal-resistant Dome Camera	IPC322SR3	supported by specification
2MP WDR VR Fixed Dome Camera	IPC322SR3-DVSPF28-B	supported by specification
2MP WDR VR Fixed Dome Camera	IPC322SR3-DVSPF40-B	supported by specification
2MP VR Fixed Dome Camera	IPC322SR3-VSPF28-C	supported by specification
2MP VR Fixed Dome Camera	IPC322SR3-VSPF40-C	supported by specification
1.3MP IR Fixed Dome Camera	IPC3231ER	supported by specification
1.3MP IR Fixed Dome Camera	IPC3231ER-DV	supported by specification
1.3MP IR Fixed Dome Camera	IPC3231ER-VS	supported by specification
2MP IR Fixed Dome Camera	IPC3232ER	supported by specification
2MP WDR VF IR Vandal-resistant Dome Camera	IPC3232ER3	supported by specification
2MP WDR Starlight VR IR Fixed Dome Camera	IPC3232ER3-DUV	supported by specification
2MP WDR Starlight VR IR Fixed Dome Camera	IPC3232ER3-DUVZ	supported by specification
2MP WDR Motorized VF VR IR Dome Camera	IPC3232ER3-DVZ28	supported by specification
2MP WDR Motorized VF VR IR Dome Camera	IPC3232ER3-DVZ28-C	supported by specification
2MP IR Fixed Dome Camera	IPC3232ER-DV	supported by specification
2MP IR Fixed Dome Camera	IPC3232ER-DV-C	supported by specification
2MP IR Fixed Dome Camera	IPC3232ER-VS	supported by specification
2MP IR Fixed Dome Camera	IPC3232ER-VS-C	supported by specification
4MP IR Fixed Dome Camera	IPC3234SR	supported by specification
4MP WDR VF IR Vandal-resistant Dome Camera	IPC3234SR3	supported by specification
4MP WDR Motorized VF IR Fixed Dome Camera	IPC3234SR3-DVZ28	ver.IPC_Q1201-B5012D1512
4MP WDR IR Fixed Dome Camera	IPC3234SR-DV	supported by specification
5MP WDR IR Vandal-resistant Dome Camera	IPC3235ER3	supported by specification
8MP WDR VF Vandal-resistant Dome Camera	IPC3238ER3	supported by specification

Integration Protocol: ONVIF

Video: All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs; UDP/TCP protocols

Audio: All channels available in device; Microphone (audio-in); G.711, AAC codecs

EdgeStorage: EdgeStorage Sync and EdgeStorage Gate for h264 or h265 codecs

Controls: Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only); Sensors (inputs); Relays (outputs)

Network: Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Supported Protocols: RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
4K WDR VR VF Dome Camera	IPC3238ER3-DVZ	supported by specification
4MP WDR IR Vandal-resistant Dome Camera	IPC324ER3	supported by specification
4MP WDR VR IR Fixed Dome Camera	IPC324ER3-DVPF28	supported by specification
4MP WDR VR IR Fixed Dome Camera	IPC324ER3-DVPF36	supported by specification
4MP WDR VR IR Fixed Dome Camera	IPC324ER3-DVPF60	supported by specification
1.3MP WDR VF IR Vandal-resistant Camera	IPC341E-DLV-IN	supported by specification
1.3MP WDR Low-light VF VR IR Dome Camera	IPC341E-DLVIR-IN	supported by specification
1.3MP Low-light VF VR IR Dome Camera	IPC341E-VIR-IN	supported by specification
1.3MP Low-light VF VR IR Dome Camera	IPC341E-VIR-Z-IN	supported by specification
1.3MP VF VR IR Fixed Dome Camera	IPC341LR-V	supported by specification
1.3MP WDR VF IR Vandal-resistant Camera	IPC341L-V-IN	supported by specification
1.3MP WDR VF IR Vandal-resistant Camera	IPC341L-VIR-IN	supported by specification
2MP WDR Low-light VF VR IR Dome Camera	IPC342E-DLVIR-IN	supported by specification
2MP Low-light VF VR IR Dome Camera	IPC342E-VIR-IN	supported by specification
2MP Low-light VF VR IR Dome Camera	IPC342E-VIR-Z-IN	supported by specification
2MP VF Vandal-resistant IR Dome Camera	IPC342LR-V	supported by specification
1.3MP IR Fixed Dome Camera	IPC3611ER3-F28	supported by specification
1.3MP IR Fixed Dome Camera	IPC3611ER3-F36	supported by specification
1.3MP IR Fixed Dome Camera	IPC3611ER3-F60	supported by specification
1.3MP IR Fixed Dome Camera	IPC3611ER3-PF28	supported by specification
1.3MP IR Fixed Dome Camera	IPC3611ER3-PF36	supported by specification
1.3MP IR Fixed Dome Camera	IPC3611ER3-PF60	supported by specification
1.3MP IR Fixed Dome Camera	IPC3611SR3	supported by specification
1.3MP IR Fixed Dome Camera	IPC3611SR3-F28	supported by specification
1.3MP IR Fixed Dome Camera	IPC3611SR3-F60	supported by specification
1.3MP IR Fixed Dome Camera	IPC3611SR3-PF28	supported by specification
1.3MP IR Fixed Dome Camera	IPC3611SR3-PF36	supported by specification
1.3MP IR Fixed Dome Camera	IPC3611SR3-PF60	supported by specification
1.3MP VR IR Fixed Dome Camera	IPC3611SR3-VSPF28	supported by specification
1.3MP VR IR Fixed Dome Camera	IPC3611SR3-VSPF40	supported by specification
1.3MP VR IR Fixed Dome Camera	IPC3611SR3-VSPF60	supported by specification
2MP IR Fixed Dome Camera	IPC3612ER3	supported by specification
2MP IR Fixed Dome Camera	IPC3612ER3-F28	supported by specification
2MP IR Fixed Dome Camera	IPC3612ER3-F36	supported by specification
2MP IR Fixed Dome Camera	IPC3612ER3-F60	supported by specification
2MP IR Fixed Dome Camera	IPC3612ER3-PF28	supported by specification
2MP Fixed Dome Camera	IPC3612ER3-PF28-B	supported by specification
2MP Fixed Dome Camera	IPC3612ER3-PF28-C	supported by specification
2MP Fixed Dome Camera	IPC3612ER3-PF28M-B	supported by specification
2MP Fixed Dome Camera	IPC3612ER3-PF28M-C	supported by specification
2MP IR Fixed Dome Camera	IPC3612ER3-PF36	supported by specification
2MP Fixed Dome Camera	IPC3612ER3-PF40-B	supported by specification
2MP Fixed Dome Camera	IPC3612ER3-PF40-C	supported by specification
2MP Fixed Dome Camera	IPC3612ER3-PF40M-B	supported by specification

Integration Protocol: ONVIF

Video: All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs; UDP/TCP protocols

Audio: All channels available in device; Microphone (audio-in); G.711, AAC codecs

EdgeStorage: EdgeStorage Sync and EdgeStorage Gate for h264 or h265 codecs

Controls: Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only); Sensors (inputs); Relays (outputs)

Network: Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Supported Protocols: RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
2MP Fixed Dome Camera	IPC3612ER3-PF40M-C	supported by specification
2MP IR Fixed Dome Camera	IPC3612ER3-PF60	supported by specification
2MP Fixed Dome Camera	IPC3612ER3-PF60-B	supported by specification
2MP Fixed Dome Camera	IPC3612ER3-PF60M-B	supported by specification
2MP IR Fixed Dome Camera	IPC3612SR3	supported by specification
2MP IR Fixed Dome Camera	IPC3612SR3-F28	supported by specification
2MP IR Fixed Dome Camera	IPC3612SR3-F36	supported by specification
2MP IR Fixed Dome Camera	IPC3612SR3-F60	supported by specification
2MP IR Fixed Dome Camera	IPC3612SR3-PF28	supported by specification
2MP IR Fixed Dome Camera	IPC3612SR3-PF36	supported by specification
2MP IR Fixed Dome Camera	IPC3612SR3-PF60	supported by specification
4MP IR Fixed Dome Camera	IPC3614SR3	supported by specification
4MP IR Fixed Dome Camera	IPC3614SR3-DPF28	supported by specification
4MP IR Fixed Dome Camera	IPC3614SR3-DPF28M	supported by specification
4MP IR Fixed Dome Camera	IPC3614SR3-DPF36	supported by specification
4MP IR Fixed Dome Camera	IPC3614SR3-DPF36M	supported by specification
4MP IR Fixed Dome Camera	IPC3614SR3-DPF60	supported by specification
4MP IR Fixed Dome Camera	IPC3614SR3-DPF60M	supported by specification
5MP WDR Starlight IR Dome Camera	IPC3615ER3	supported by specification
8MP IR Fixed Dome Camera	IPC3618SR3	supported by specification
2MP Fixed Dome Camera	IPC3632ER3-DP228-C	supported by specification
4MP Fixed Dome Camera	IPC3634ER3-DPZ28	supported by specification
5MP WDR Starlight VF IR Eyeball Camera	IPC3635ER3	supported by specification
1.3MP Low-light Box camera	IPC541E -IN	supported by specification
1.3MP WDR Low-light Box Camera	IPC541E-DLC	supported by specification
1.3MP WDR Low-light Box Camera	IPC541E-DL-IN	supported by specification
1.3MP Low-light Box camera	IPC541E-NL-IN	supported by specification
2MP WDR Low-light Box Camera	IPC542E-DLC	supported by specification
2MP WDR Low-light Box Camera	IPC542E-DL-IN	supported by specification
2MP WDR Starlight Box Camera	IPC542E-DU	supported by specification
2MP WDR Starlight Box Camera	IPC542E-DUC	supported by specification
2MP WDR Starlight Box Camera	IPC542E-DUG	supported by specification
2MP Low-light Box Camera	IPC542E-IN	supported by specification
2MP Low-light Box Camera	IPC542E-NL-IN	supported by specification
2MP WDR Starlight Box Camera	IPC562E-DUG	ver.IPC_Q1201_B150801P01
4K Ultra-HD SFP Box Camera	IPC568E-G	supported by specification
1.3MP 20x IR PTZ Dome Camera	IPC6221ER-X20	supported by specification
1.3MP 20x IR PTZ Dome Camera	IPC6221ER-X20P	supported by specification
1.3MP 30x IR PTZ Dome Camera	IPC6221ER-X30	supported by specification
1.3MP 30x IR PTZ Dome Camera	IPC6221ER-X30P	supported by specification
1.3MP 20x IR PTZ Dome Camera	IPC6221LR-X20S	supported by specification
1.3MP 20x IR PTZ Dome Camera	IPC6221LR-X20SP	supported by specification
2MP 22x Indoor PTZ Dome Camera	IPC6222EI-X22UP-C	supported by specification
2MP 20x IR PTZ Dome Camera	IPC6222ER-X20	supported by specification

Integration Protocol: ONVIF

Video: All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs; UDP/TCP protocols

Audio: All channels available in device; Microphone (audio-in); G.711, AAC codecs

EdgeStorage: EdgeStorage Sync and EdgeStorage Gate for h264 or h265 codecs

Controls: Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only); Sensors (inputs); Relays (outputs)

Network: Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Supported Protocols: RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
2MP 20x IR PTZ Dome Camera	IPC6222ER-X20-B	supported by specification
2MP 20x IR PTZ Dome Camera	IPC6222ER-X20P	supported by specification
2MP 20x IR PTZ Dome Camera	IPC6222ER-X20P-B	supported by specification
2MP 30x IR PTZ Dome Camera	IPC6222ER-X30	supported by specification
2MP 30x IR PTZ Dome Camera	IPC6222ER-X30-B	supported by specification
2MP 30x IR PTZ Dome Camera	IPC6222ER-X30P	supported by specification
2MP 30x IR PTZ Dome Camera	IPC6222ER-X30P-B	supported by specification
1.3MP 22x IR PTZ Dome Camera	IPC6241SR-X22	supported by specification
1.3MP 30x IR PTZ Dome Camera	IPC6241SR-X30	supported by specification
2MP 22x IR PTZ Dome Camera	IPC6242SFW-X22U	supported by specification
2MP 22x Laser IR PTZ Dome Camera	IPC6242SL-X22	supported by specification
2MP 33x VF Laser IR PTZ Dome Camera	IPC6242SL-X33	ver.IPC_HCMN1102-F5027D1511
2MP Starlight Laser IR PTZ Dome Camera	IPC6242SL-X33UP	supported by specification
2MP 22x IR PTZ Dome Camera	IPC6242SR-X22	supported by specification
2MP 22x IR PTZ Dome Camera	IPC6242SR-X22U	supported by specification
2MP 30x IR PTZ Dome Camera	IPC6242SR-X30	supported by specification
2MP 22x IR PTZ Dome Camera	IPC6242SWH-X22U	supported by specification
12MP IR PTZ Dome Camera	IPC6248SR	supported by specification
4K Ultra-HD IR PTZ Dome Camera	IPC6248SR-X22	supported by specification
2MP Starlight Laser IR PTZ Dome Camera	IPC6252SL	supported by specification
2MP Starlight IR PTZ Dome Camera	IPC6252SR	supported by specification
2MP 22x IR PTZ Dome Camera	IPC6252SR-X22U	ver.IPC_HCMN2103-B0010D1512
2MP 22x IR PTZ Dome Camera	IPC6252SR-X22UG	supported by specification
2MP 33x Starlight IR Dome Camera	IPC6252SR-X33U	supported by specification
3MP 33x IR PTZ Dome Camera	IPC6253SR-X33	supported by specification
12MP IR PTZ Dome Camera	IPC6258SR	supported by specification
4K Ultra-HD IR PTZ Dome Camera	IPC6258SR-X22P	supported by specification
1.3MP 22x Indoor PTZ Dome Camera	IPC641E-X22I-IN	supported by specification
1.3MP 22x IR PTZ Dome Camera	IPC641E-X22IR-IN	supported by specification
1.3MP 30x Standard PTZ Dome Camera	IPC641E-X30N	supported by specification
2MP 22x Indoor PTZ Dome Camera	IPC642E-X22I-IN	supported by specification
2MP 22x Standard PTZ Dome Camera	IPC642E-X22-IN	supported by specification
2MP 22x IR PTZ Dome Camera	IPC642E-X22IR-IN	supported by specification
2MP 30x Standard PTZ Dome Camera	IPC642E-X30N	supported by specification
2MP Starlight IR PTZ Dome Camera	IPC6852SR	supported by specification
2MP 44x Starlight PTZ Dome Camera	IPC6852SR-X44U	supported by specification
4K Ultra-HD IR PTZ Dome Camera	IPC6858SR-X22	supported by specification
2MP IR PTZ Dome Camera	IPC742SR9	supported by specification
2MP 1080P Zoom Lens IR PTZ Camera	IPC742SR9-PZ30-32G	supported by specification
4MP Fixed Lens IR PT Camera	IPC744SR5-PF40-32G	supported by specification
4MP Fixed Lens IR PT Camera	IPC744SR5-PF60-32G	supported by specification
4MP Fisheye Fixed Dome Camera	IPC814SR-DVVPF16	supported by specification
4MP Fisheye Fixed Dome Camera	IPC814SR-DVSPF16	supported by specification
4K Ultra HD VR Fisheye Fixed Dome Camera	IPC868ER-VF18	supported by specification

Integration Protocol: ONVIF

Video: All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs; UDP/TCP protocols

Audio: All channels available in device; Microphone (audio-in); G.711, AAC codecs

EdgeStorage: EdgeStorage Sync and EdgeStorage Gate for h264 or h265 codecs

Controls: Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only); Sensors (inputs); Relays (outputs)

Network: Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Supported Protocols: RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Uniview Fixed Dome Camera	IPC322LB-DSF28K-G	supported by specification
Uniview Fixed PTZ Camera	IPC672LR-AX4DUPK	supported by specification
Uniview Fixed PTZ Camera	IPC672LR-AX4DUPKC	supported by specification
Uniview Fixed Dome Camera	IPC323LB-SF28K-G	supported by specification
Uniview Fixed Dome Camera	IPC3615LR3-PF28-D	supported by specification
Uniview Fixed Bullet Camera	IPC2324EBR5-DPZ28	supported by specification
Uniview Fixed Dome Camera	IPC322SR3-VSF28W-D	supported by specification
Uniview Fixed PTZ Camera	IPC6222EI-X33UP	supported by specification
Uniview Fixed Dome Camera	IPC2124SS-ADF28KM	supported by specification
Uniview Fixed Dome Camera	IPC3613LR3-PF28-F	supported by specification
Uniview Fixed Bullet Camera	IPC2325SBR5-DPZ-F	supported by specification
Uniview Fixed Bullet Camera	IPC2122LE-ADF28KMC-WL	supported by specification
Uniview Fixed Bullet Camera	IPC2324SS-DZK	supported by specification
Uniview Fixed Bullet Camera	IPC354SR3-ADNPF28-F	supported by specification
Uniview Fixed PTZ Camera	IPC6415SR-X5UPW-VG	supported by specification
Uniview Fixed Bullet Camera	IPC2128LR3-DPF28M-F	supported by specification
Uniview Fixed Bullet Camera	IPC2324SB-DZK-I0	supported by specification
Uniview Fixed Dome Camera	IPC3612LR3-PF28-D	supported by specification
Uniview Fixed Dome Camera	IPC3612LR3-PF40-D	supported by specification
Uniview Fixed Bullet Camera	IPC2128LR3-DPF40M-F	supported by specification
Uniview Fixed Bullet Camera	IPC2122LE-ADF40KMC-WL	supported by specification
Uniview Fixed Dome Camera	IPC3613LR3-PF40-F	supported by specification
Uniview Fixed Bullet Camera	IPC2124SS-ADF40KM	supported by specification
Uniview Fixed Dome Camera	IPC3615LR3-PF40-D	supported by specification
Uniview Fixed Dome Camera	IPC323LB-SF40K-G	supported by specification
Uniview Fixed Dome Camera	IPC322LB-DSF40K-G	supported by specification
Uniview Fixed Dome Camera	IPC3614LR3-PF28-D	supported by specification
Uniview Fixed Dome Camera	IPC3614LR3-PF40-D	supported by specification
Uniview Fixed PTZ Camera	IPC6412LR-X5UPW-VG	supported by specification
Uniview Fixed Bullet Camera	IPC2322LB-ADZK-G	supported by specification
Uniview Fixed Bullet Camera	IPC2225SE-DF40K-WL-I0	supported by specification
Uniview Fixed Bullet Camera	IPC2225SE-DF60K-WL-I0	supported by specification
Uniview Fixed PTZ Camera	IPC6852SR-X38UG	supported by specification
Uniview Fixed Bullet Camera	IPC2124LR3-PF28M-D	supported by specification
Uniview Fixed Bullet Camera	IPC2328SB-DZK-I0	supported by specification
Uniview Fixed PTZ Camera	IPC6222E-X33UP	supported by specification
Uniview Fixed Bullet Camera	IPC264SA-DZK	supported by specification
Uniview Fixed PTZ Camera	IPC6252SL-X33UP	supported by specification
Uniview Fixed Dome Camera	IPC324SB-DF28K-I0	supported by specification
Uniview Fixed Dome Camera	IPC324SB-DF40K-I0	supported by specification
Uniview Fixed Dome Camera	IPC322LR3-UVSPF28-F	supported by specification
Uniview Fixed Dome Camera	IPC322LR3-UVSPF40-F	supported by specification
Uniview Fixed Bullet Camera	IPC2324SBR5-DPZ-F	supported by specification
Uniview Fixed Bullet Camera	IPC2122LB-ADF28KM-G	supported by specification

Integration Protocol: ONVIF

Video: All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs; UDP/TCP protocols

Audio: All channels available in device; Microphone (audio-in); G.711, AAC codecs

EdgeStorage: EdgeStorage Sync and EdgeStorage Gate for h264 or h265 codecs

Controls: Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only); Sensors (inputs); Relays (outputs)

Network: Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Supported Protocols: RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Uniview Fixed Bullet Camera	IPC2122LB-ADF40KM-G	supported by specification
Uniview Fixed Bullet Camera	IPC2125SR3-ADPF28M-F	supported by specification
Uniview Fixed Bullet Camera	IPC2125SR3-ADPF40M-F	supported by specification
Uniview Fixed Dome Camera	IPC3614SR3-ADPF28-F	supported by specification
Uniview Fixed Dome Camera	IPC3614SR3-ADPF40-F	supported by specification
Uniview Fixed Dome Camera	IPC323LR3-VSPF28-F	supported by specification
Uniview Fixed Dome Camera	IPC323LR3-VSPF40-F	supported by specification
Uniview Fixed Bullet Camera	IPC2324LBR3-SP-D	supported by specification
Uniview Fixed Bullet Camera	IPC2324LBR3-SPZ28-D	supported by specification
Uniview Fixed Bullet Camera	IPC2125LR3-PF40M-D	supported by specification
Uniview Fixed Bullet Camera	IPC2125LR3-PF60M-D	supported by specification
Uniview Fixed PTZ Camera	IPC675LFW-AX4DUPKC-VG	supported by specification
Uniview Fixed Bullet Camera	IPC2322LBR3-SP-D	supported by specification
Uniview Fixed Bullet Camera	IPC2322LBR3-SPZ28-D	supported by specification
Uniview Fixed PTZ Camera	IPC6252SFW-X22U	supported by specification
Uniview Fixed Bullet Camera	IPC2A25SA-DZK	supported by specification
Uniview Fixed Bullet Camera	IPC2122SR3-APF40-C	supported by specification
Uniview Fixed Bullet Camera	IPC2122SR3-APF60-C	supported by specification
Uniview Fixed Bullet Camera	IPC325SR3-DVPF28-F	supported by specification
Uniview Fixed Bullet Camera	IPC325SR3-DVPF40-F	supported by specification
Uniview Fixed Bullet Camera	IPC2C22LE-SF40-WL	supported by specification
Uniview Fixed Bullet Camera	IPC2C22LE-SF60-WL	supported by specification
Uniview Fixed Bullet Camera	IPC2122SR3-F40W-D	supported by specification
Uniview Fixed Bullet Camera	IPC324LE-DSF28K-G	supported by specification
Uniview Fixed Bullet Camera	IPC324LE-DSF40K-G	supported by specification
Uniview Fixed Bullet Camera	IPC2325SB-DZK-I0	supported by specification
Uniview Fixed PTZ Camera	IPC6322LR-X33U-D	supported by specification
Uniview Fixed PTZ Camera	IPC6322SR-X33UP-D	supported by specification
Uniview Fixed Bullet Camera	IPC264EA-HDZK	supported by specification
Uniview Fixed Bullet Camera	IPC2325LBR3-SP-D	supported by specification
Uniview Fixed Bullet Camera	IPC2325LBR3-SPZ28-D	supported by specification
Uniview Fixed Dome Camera	IPC3618LR3-DPF28-F	supported by specification
Uniview Fixed Dome Camera	IPC3618LR3-DPF40-F	supported by specification
Uniview Fixed Bullet Camera	IPC2328SBR5-DPZ	supported by specification
Uniview Fixed Bullet Camera	IPC2324LB-ADZK-G	supported by specification
Uniview Fixed Bullet Camera	IPC2224SS-DF40K	supported by specification
Uniview Fixed Bullet Camera	IPC2224SS-DF60K	supported by specification
Uniview Fixed Bullet Camera	IPC2124LR3-F40W-D	supported by specification
Uniview Fixed Bullet Camera	IPC2322EBR5-HDUPZ	supported by specification
Uniview Fixed Bullet Camera	IPC2123LR3-PF28M-F	supported by specification
Uniview Fixed Bullet Camera	IPC2123LR3-PF40M-F	supported by specification
Uniview Fixed Bullet Camera	IPC2C22LR6-F40-E	supported by specification
Uniview Fixed Bullet Camera	IPC2C22LR6-PF40(60)-E	supported by specification
Uniview Fixed Dome Camera	IPC324LE-DSF28K	supported by specification

Integration Protocol: ONVIF

Video: All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs; UDP/TCP protocols

Audio: All channels available in device; Microphone (audio-in); G.711, AAC codecs

EdgeStorage: EdgeStorage Sync and EdgeStorage Gate for h264 or h265 codecs

Controls: Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only); Sensors (inputs); Relays (outputs)

Network: Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Supported Protocols: RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Uniview Fixed Dome Camera	IPC324LE-DSF40K	supported by specification
Uniview Fixed PTZ Camera	IPC6622SR-X33-VF	supported by specification
Uniview Fixed Dome Camera	IPC3612LR3-UPF28-F	supported by specification
Uniview Fixed Dome Camera	IPC3612LR3-UPF40-F	supported by specification
Uniview Fixed Dome Camera	IPC324SR3-DVPF28-F	supported by specification
Uniview Fixed Dome Camera	IPC324SR3-DVPF40-F	supported by specification
Uniview Fixed Bullet Camera	IPC2124SB-ADF28KM-I0	supported by specification
Uniview Fixed Bullet Camera	IPC2124SB-ADF40KM-I0	supported by specification
Uniview Fixed Bullet Camera	IPC2124LR3-PF40M-D	supported by specification
Uniview Fixed Bullet Camera	IPC2124LR3-PF60M-D	supported by specification
Uniview Fixed Dome Camera	IPC3614SS-ADF28KM	supported by specification
Uniview Fixed Dome Camera	IPC3614SS-ADF40KM	supported by specification
Uniview Fixed Bullet Camera	IPC2222EBR5-HDUPF40	supported by specification
Uniview Fixed Bullet Camera	IPC2222EBR5-HDUPF60	supported by specification
Uniview Fixed Dome Camera	IPC325LR3-VSPF28-D	supported by specification
Uniview Fixed Dome Camera	IPC325LR3-VSPF40-D	supported by specification
Uniview Fixed Dome Camera	IPC324LR3-VSPF28-D	supported by specification
Uniview Fixed Dome Camera	IPC324LR3-VSPF40-D	supported by specification
Uniview Fixed PTZ Camera	IPC672LR-AX4DUWK	supported by specification
Uniview Fixed Dome Camera	IPC322LR3-VSPF28-D	supported by specification
Uniview Fixed Dome Camera	IPC322LR3-VSPF40-D	supported by specification
Uniview Fixed Bullet Camera	IPC2124LE-ADF28KM-G	supported by specification
Uniview Fixed Bullet Camera	IPC2124LE-ADF40KM-G	supported by specification
Uniview Fixed Bullet Camera	IPC2123LB-AF28KM-G	supported by specification
Uniview Fixed Bullet Camera	IPC2123LB-AF40KM-G	supported by specification
Uniview Fixed Dome Camera	PC815SR-DVPF14	supported by specification
Uniview Fixed Dome Camera	PC815SR-DVSPF14	supported by specification
Uniview Fixed Bullet Camera	IPC2128SB-ADF28KMC-I0	supported by specification
Uniview Fixed Bullet Camera	IPC2128SB-ADF40KMC-I0	supported by specification
Uniview Fixed Bullet Camera	IPC2122SB-ADF28KM-I0	supported by specification
Uniview Fixed Bullet Camera	IPC2122SB-ADF40KM-I0	supported by specification
Uniview Fixed Bullet Camera	IPC542SE-HDK-I0	supported by specification
Uniview Fixed Bullet Camera	IPC2122LR3-PF40M-D	supported by specification
Uniview Fixed Bullet Camera	IPC2122LR3-PF60M-D	supported by specification
Uniview Fixed Bullet Camera	IPC2A23LB-F40K	supported by specification
Uniview Fixed Bullet Camera	IPC2A23LB-F60K	supported by specification
Uniview Fixed Bullet Camera	IPC2124SR3-ADPF28M-F	supported by specification
Uniview Fixed Bullet Camera	IPC2124SR3-ADPF40M-F	supported by specification
Uniview Fixed PTZ Camera	IPC6322LR-X22-D	supported by specification
Uniview Fixed PTZ Camera	IPC6322SR-X22P-D	supported by specification
Uniview Fixed PTZ Camera	IPC6258SR-X22DUP	supported by specification
Uniview Fixed Dome Camera	IPC3614LE-ADF28K	supported by specification
Uniview Fixed Dome Camera	IPC3614LE-ADF40K	supported by specification
Uniview Fixed Bullet Camera	IPC268EA-DZK	supported by specification

Integration Protocol: ONVIF

Video: All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs; UDP/TCP protocols

Audio: All channels available in device; Microphone (audio-in); G.711, AAC codecs

EdgeStorage: EdgeStorage Sync and EdgeStorage Gate for h264 or h265 codecs

Controls: Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only); Sensors (inputs); Relays (outputs)

Network: Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS; IPv4/IPv6

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Supported Protocols: RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Uniview Fixed Dome Camera	IPC3615SR3-ADPF28-F	supported by specification
Uniview Fixed Dome Camera	IPC3615SR3-ADPF40-F	supported by specification
Uniview Fixed Bullet Camera	IPC2124LR5-DUPF28M-F	supported by specification
Uniview Fixed Bullet Camera	IPC2124LR5-DUPF40M-F	supported by specification
Uniview Fixed Bullet Camera	IPC2122LR3-PF28M-D	supported by specification
Uniview Fixed Dome Camera	IPC328LR3-DVSPF28-F	supported by specification
Uniview Fixed Dome Camera	IPC328LR3-DVSPF40-F	supported by specification
Uniview Fixed Dome Camera	IPC325SB-DF28K-I0	supported by specification
Uniview Fixed Dome Camera	IPC325SB-DF40K-I0	supported by specification
Uniview Fixed Bullet Camera	IPC2322SB-DZK-I0	supported by specification
Uniview Fixed Dome Camera	IPC322SB-DF28K-I0	supported by specification
Uniview Fixed Dome Camera	IPC322SB-DF40K-I0	supported by specification
Uniview Fixed PTZ Camera	IPC6415SR-X5UPW	supported by specification
Uniview Fixed Dome Camera	IPC868ER-VF18-B	supported by specification
Uniview Fixed Dome Camera	IPC3613LR3-APF28K-F	supported by specification
Uniview Fixed Dome Camera	IPC3613LR3-APF40K-F	supported by specification
Uniview Fixed Bullet Camera	IPC2125SB-ADF28KM-I0	supported by specification
Uniview Fixed Bullet Camera	IPC2125SB-ADF40KM-I0	supported by specification
Uniview Fixed Bullet Camera	IPC2122LR5-UPF28M-F	supported by specification
Uniview Fixed Bullet Camera	IPC2122LR5-UPF40M-F	supported by specification
Uniview Fixed Bullet Camera	IPC2224SA-DF40K	supported by specification
Uniview Fixed Bullet Camera	IPC2224SA-DF60K	supported by specification
Uniview Fixed Bullet Camera	IPC2A22SA-DZK	supported by specification
Uniview Fixed Dome Camera	IPC324SS-DF28K	supported by specification
Uniview Fixed Dome Camera	IPC324SS-DF40K	supported by specification
Uniview Fixed Bullet Camera	IPC2322EBR5-DUPZ-C	supported by specification

Integration Protocol: ONVIF

Video: Up to 3 streams; H.265, H.264, MJPEG codecs

Audio: Microphone (audio-in); G.711, AAC codecs

EdgeStorage: EdgeStorage Sync and EdgeStorage Gate for h264 or h265 codecs

Controls: Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only); Sensors (inputs); Relays (outputs)

Network: Multicast/Unicast; Basic or Digest Authentication; HTTP/HTTPS; IPv4/IPv6; UDP/TCP

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
VideoTec Ex-Proof Series Camera	MAXIMUS MMX	Supported by specification
VideoTec Ex-Proof Series PTZ camera	MAXIMUS MPX	Supported by specification
VideoTec Ex-Proof Series PTZ camera	MAXIMUS MPX DELUX	Supported by specification
VideoTec Ex-Proof Series PTZ camera	MAXIMUS MPXHD	Supported by specification
VideoTec Ex-Proof Series PTZ camera	MAXIMUS MPXT	Supported by specification
VideoTec Ex-Proof Series Video Encoder	MAXIMUS MVX	Supported by specification
VideoTec Ex-Proof Series Video Encoder	MAXIMUS MVX DELUX	Supported by specification
VideoTec Ex-Proof Series Video Encoder	MAXIMUS MVXHD	Supported by specification
VideoTec Ex-Proof Series Video Encoder	MAXIMUS MVXT	Supported by specification
VideoTec Stainless Steel Series Camera	NVX	Supported by specification
VideoTec Stainless Steel Series PTZ camera	NXPTZ	Supported by specification
VideoTec Stainless Steel Series PTZ camera	NXPTZ DELUX	Supported by specification
VideoTec Stainless Steel Series PTZ camera	NXPTZHD	Supported by specification
VideoTec Stainless Steel Series PTZ camera	NXPTZT	Supported by specification
VideoTec ULISSE Series PTZ unit	ULISSE	Supported by specification
VideoTec ULISSE Series PTZ unit	ULISSE 2	Supported by specification
VideoTec ULISSE Series PTZ camera	ULISSE COMPACT	Supported by specification
VideoTec ULISSE Series PTZ camera	ULISSE COMPACT DELUX	Supported by specification
VideoTec ULISSE Series PTZ camera	ULISSE COMPACT HD	Supported by specification
VideoTec ULISSE Series PTZ camera	ULISSE Maxi Net Cam	Supported by specification
VideoTec ULISSE Series PTZ camera	ULISSE RADICAL	Supported by specification
VideoTec ULISSE Series PTZ camera	ULISSE RADICAL THERMAL	Supported by specification

Integration Protocol: ONVIF

Video: Up to 3 streams; H.265, H.264, MJPEG codecs

Audio: Microphone (audio-in); G.711, AAC codecs

EdgeStorage: EdgeStorage Sync and EdgeStorage Gate for h264 or h265 codecs

Controls: Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only); Sensors (inputs); Relays (outputs)

Network: Multicast/Unicast; Basic or Digest Authentication; HTTP/HTTPS; IPv4/IPv6; UDP/TCP

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Vivotek Compact Cube Camera	CC8160	supported by specification
Vivotek Compact Cube Camera	CC8370-HV	supported by specification
Vivotek 180° Panoramic Camera	CC8371-HV	supported by specification
Vivotek Corner Dome Camera	CD8371-HNTV	supported by specification
Vivotek Corner Dome Camera	CD8371-HNVF2	supported by specification
Vivotek Fixed Dome Camera	FD8134	supported by specification
Vivotek Fixed Dome Camera	FD8135H	supported by specification
Vivotek Fixed Dome Camera	FD8137H	supported by specification
Vivotek Fixed Dome Camera	FD8138-H	supported by specification
Vivotek Fixed Dome Camera	FD8155H	supported by specification
Vivotek Fixed Dome Camera	FD8156	supported by specification
Vivotek Fixed Dome Camera	FD8163	supported by specification
Vivotek Fixed Dome Camera	FD8165H	supported by specification
Vivotek Fixed Dome Camera	FD8166	supported by specification
Vivotek Fixed Dome Camera	FD8166A	ver.0303b
Vivotek Fixed Dome Camera	FD8166A-N	supported by specification
Vivotek Fixed Dome Camera	FD8167	supported by specification
Vivotek Fixed Dome Camera	FD8167A	supported by specification
Vivotek Fixed Dome Camera	FD8167-T	supported by specification
Vivotek Fixed Dome Camera	FD8168	supported by specification
Vivotek Fixed Dome Camera	FD8169	supported by specification
Vivotek Fixed Dome Camera	FD8169A	supported by specification
Vivotek Fixed Dome Camera	FD816BA-HF2	supported by specification
Vivotek Fixed Dome Camera	FD816BA-HT	supported by specification
Vivotek Fixed Dome Camera	FD816B-F2	ver.0301c
Vivotek Fixed Dome Camera	FD816B-HF2	ver.0301c
Vivotek Fixed Dome Camera	FD816B-HT	ver.0301c
Vivotek Fixed Dome Camera	FD816B-T	ver.0301c
Vivotek Fixed Dome Camera	FD816CA-HF2	supported by specification
Vivotek Fixed Dome Camera	FD816C-HF2	ver.0301a
Vivotek Fixed Dome Camera	FD816C-HSF2	supported by specification
Vivotek Fixed Dome Camera	FD816D	supported by specification
Vivotek Fixed Dome Camera	FD8171	supported by specification
Vivotek Fixed Dome Camera	FD8177-H	supported by specification
Vivotek Fixed Dome Camera	FD8177-HT	supported by specification
Vivotek Fixed Dome Camera	FD8179-H	supported by specification
Vivotek Fixed Dome Camera	FD8181	supported by specification
Vivotek Fixed Dome Camera	FD8182-F1	supported by specification
Vivotek Fixed Dome Camera	FD8182-F2	ver.0301a
Vivotek Fixed Dome Camera	FD8182-T	ver.0301a
Vivotek Fixed Dome Camera	FD8184-F2	supported by specification
Vivotek Fixed Dome Camera	FD8338-HV	supported by specification
Vivotek Fixed Dome Camera	FD8355EHV	supported by specification
Vivotek Fixed Dome Camera	FD8355HV	supported by specification
Vivotek Fixed Dome Camera	FD8362	supported by specification

Integration Protocol: ONVIF

Video: Up to 3 streams; H.265, H.264, MJPEG codecs

Audio: Microphone (audio-in); G.711, AAC codecs

EdgeStorage: EdgeStorage Sync and EdgeStorage Gate for h264 or h265 codecs

Controls: Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only); Sensors (inputs); Relays (outputs)

Network: Multicast/Unicast; Basic or Digest Authentication; HTTP/HTTPS; IPv4/IPv6; UDP/TCP

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Vivotek Fixed Dome Camera	FD8363	supported by specification
Vivotek Fixed Dome Camera	FD8365EHV	supported by specification
Vivotek Fixed Dome Camera	FD8365HV	supported by specification
Vivotek Fixed Dome Camera	FD8366-V	supported by specification
Vivotek Fixed Dome Camera	FD8367A	supported by specification
Vivotek Fixed Dome Camera	FD8367A-V	supported by specification
Vivotek Fixed Dome Camera	FD8367-TV	supported by specification
Vivotek Fixed Dome Camera	FD8367-V	supported by specification
Vivotek Fixed Dome Camera	FD8369A	supported by specification
Vivotek Fixed Dome Camera	FD8369A-V	supported by specification
Vivotek Fixed Dome Camera	FD836BA-EHTV	supported by specification
Vivotek Fixed Dome Camera	FD836BA-EHVF2	supported by specification
Vivotek Fixed Dome Camera	FD836BA-HTV	supported by specification
Vivotek Fixed Dome Camera	FD836BA-HVF2	supported by specification
Vivotek Fixed Dome Camera	FD836B-EHTV	ver.0303a
Vivotek Fixed Dome Camera	FD836B-EHVF2	ver.0303a
Vivotek Fixed Dome Camera	FD836B-EVF2	supported by specification
Vivotek Fixed Dome Camera	FD836B-HTV	ver.0303a
Vivotek Fixed Dome Camera	FD836B-HVF2	ver.0303a
Vivotek Fixed Dome Camera	FD836B-VF2	supported by specification
Vivotek Fixed Dome Camera	FD8371EV	supported by specification
Vivotek Fixed Dome Camera	FD8371V	supported by specification
Vivotek Fixed Dome Camera	FD8372	supported by specification
Vivotek Fixed Dome Camera	FD8377-EHTV	supported by specification
Vivotek Fixed Dome Camera	FD8377-HTV	supported by specification
Vivotek Fixed Dome Camera	FD8377-HV	supported by specification
Vivotek Fixed Dome Camera	FD8379-HV	supported by specification
Vivotek Fixed Dome Camera	FD8381-EV	supported by specification
Vivotek Fixed Dome Camera	FD8381-V	supported by specification
Vivotek Fixed Dome Camera	FD8382-ETV	ver.0301a
Vivotek Fixed Dome Camera	FD8382-EVF2	ver.0301a
Vivotek Fixed Dome Camera	FD8382-TV	ver.0301a
Vivotek Fixed Dome Camera	FD8382-VF2	ver.0301a
Vivotek Fixed Dome Camera	FD9165-HT	supported by specification
Vivotek Fixed Dome Camera	FD9167-H	supported by specification
Vivotek Fixed Dome Camera	FD9167-HT	supported by specification
Vivotek Fixed Dome Camera	FD9171-HT	ver.0302b
Vivotek Fixed Dome Camera	FD9181-HT	supported by specification
Vivotek Fixed Dome Camera	FD9187-H	supported by specification
Vivotek Fixed Dome Camera	FD9187-HT	supported by specification
Vivotek Fixed Dome Camera	FD9189-H	supported by specification
Vivotek Fixed Dome Camera	FD9189-HT	supported by specification
Vivotek Fixed Dome Camera	FD9365-EHTV	supported by specification
Vivotek Fixed Dome Camera	FD9365-HTV	supported by specification
Vivotek Fixed Dome Camera	FD9365-HTVL	supported by specification
Vivotek Fixed Dome Camera	FD9367-EHTV	supported by specification

Integration Protocol: ONVIF

Video: Up to 3 streams; H.265, H.264, MJPEG codecs

Audio: Microphone (audio-in); G.711, AAC codecs

EdgeStorage: EdgeStorage Sync and EdgeStorage Gate for h264 or h265 codecs

Controls: Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only); Sensors (inputs); Relays (outputs)

Network: Multicast/Unicast; Basic or Digest Authentication; HTTP/HTTPS; IPv4/IPv6; UDP/TCP

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Vivotek Fixed Dome Camera	FD9367-HTV	supported by specification
Vivotek Fixed Dome Camera	FD9367-HV	supported by specification
Vivotek Fixed Dome Camera	FD9371-EHTV	ver.0302b
Vivotek Fixed Dome Camera	FD9371-HTV	ver.0302b
Vivotek Fixed Dome Camera	FD9381-EHTV	ver.0302b
Vivotek Fixed Dome Camera	FD9381-HTV	ver.0302b
Vivotek Fixed Dome Camera	FD9387-EHTV	supported by specification
Vivotek Fixed Dome Camera	FD9387-EHV	supported by specification
Vivotek Fixed Dome Camera	FD9387-HTV	supported by specification
Vivotek Fixed Dome Camera	FD9387-HV	supported by specification
Vivotek Fixed Dome Camera	FD9389-EHTV	supported by specification
Vivotek Fixed Dome Camera	FD9389-EHV	supported by specification
Vivotek Fixed Dome Camera	FD9389-EHVM	supported by specification
Vivotek Fixed Dome Camera	FD9389-HM	supported by specification
Vivotek Fixed Dome Camera	FD9389-HTV	supported by specification
Vivotek Fixed Dome Camera	FD9389-HV	supported by specification
Vivotek Fixed Dome Camera	FD9389-HVM	supported by specification
Vivotek Fixed Dome Camera	FD9391-EHTV	supported by specification
Vivotek Fisheye Camera	FE8173	supported by specification
Vivotek Fisheye Camera	FE8174	supported by specification
Vivotek Fisheye Camera	FE8180	supported by specification
Vivotek Fisheye Camera	FE8181	supported by specification
Vivotek Fisheye Camera	FE8181V	supported by specification
Vivotek Fisheye Camera	FE8182	supported by specification
Vivotek Fisheye Camera	FE8191	supported by specification
Vivotek Fisheye Camera	FE8391-V	supported by specification
Vivotek Fisheye Camera	FE9180-H	supported by specification
Vivotek Fisheye Camera	FE9181-H	supported by specification
Vivotek Fisheye Camera	FE9182-H	supported by specification
Vivotek Fisheye Camera	FE9191	supported by specification
Vivotek Fisheye Camera	FE9381-EHV	ver.0303b
Vivotek Fisheye Camera	FE9382-EHV	supported by specification
Vivotek Fisheye Camera	FE9391-EV	supported by specification
Vivotek Bullet Camera	IB8156	supported by specification
Vivotek Bullet Camera	IB8168	supported by specification
Vivotek Bullet Camera	IB8338-H	supported by specification
Vivotek Bullet Camera	IB8338-HR	supported by specification
Vivotek Mini Bullet Camera	IB8360	supported by specification
Vivotek Mini Bullet Camera	IB8360-W	supported by specification
Vivotek Bullet Camera	IB8367	supported by specification
Vivotek Bullet Camera	IB8367A	supported by specification
Vivotek Bullet Camera	IB8367-R	supported by specification
Vivotek Bullet Camera	IB8367-RT	supported by specification
Vivotek Bullet Camera	IB8367-T	supported by specification
Vivotek Bullet Camera	IB8369	supported by specification
Vivotek Bullet Camera	IB8369A	supported by specification

Integration Protocol: ONVIF

Video: Up to 3 streams; H.265, H.264, MJPEG codecs

Audio: Microphone (audio-in); G.711, AAC codecs

EdgeStorage: EdgeStorage Sync and EdgeStorage Gate for h264 or h265 codecs

Controls: Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only); Sensors (inputs); Relays (outputs)

Network: Multicast/Unicast; Basic or Digest Authentication; HTTP/HTTPS; IPv4/IPv6; UDP/TCP

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Vivotek Bullet Camera	IB836BA-EHF3	supported by specification
Vivotek Bullet Camera	IB836BA-EHT	supported by specification
Vivotek Bullet Camera	IB836BA-HF3	supported by specification
Vivotek Bullet Camera	IB836BA-HT	supported by specification
Vivotek Bullet Camera	IB836B-EHF3	ver.0301a
Vivotek Bullet Camera	IB836B-EHT	ver.0301a
Vivotek Bullet Camera	IB836B-HF3	ver.0301a
Vivotek Bullet Camera	IB836B-HRF3	ver.0301a
Vivotek Bullet Camera	IB836B-HRT	ver.0301a
Vivotek Bullet Camera	IB836B-HT	supported by specification
Vivotek Bullet Camera	IB836B-RT	ver.0301a
Vivotek Fixed Dome Camera	IB8377-EHT	supported by specification
Vivotek Bullet Camera	IB8377-H	supported by specification
Vivotek Fixed Dome Camera	IB8377-HT	supported by specification
Vivotek Bullet Camera	IB8379-H	supported by specification
Vivotek Bullet Camera	IB8381	supported by specification
Vivotek Bullet Camera	IB8381-E	supported by specification
Vivotek Bullet Camera	IB8382-EF3	ver.0301a
Vivotek Bullet Camera	IB8382-ET	ver.0301a
Vivotek Bullet Camera	IB8382-F3	ver.0301a
Vivotek Bullet Camera	IB8382-RF3	ver.0301a
Vivotek Bullet Camera	IB8382-RT	ver.0301a
Vivotek Bullet Camera	IB8382-T	ver.0301a
Vivotek Bullet Camera	IB9365-EHT	supported by specification
Vivotek Bullet Camera	IB9365-HT	supported by specification
Vivotek Bullet Camera	IB9367-EHT	supported by specification
Vivotek Bullet Camera	IB9367-H	supported by specification
Vivotek Bullet Camera	IB9367-HT	supported by specification
Vivotek Bullet Camera	IB9371-EHT	ver.0301c
Vivotek Bullet Camera	IB9371-HRT	supported by specification
Vivotek Bullet Camera	IB9371-HT	ver.0301c
Vivotek Bullet Camera	IB9381-EHT	ver.0302b
Vivotek Bullet Camera	IB9381-HRT	ver.0302b
Vivotek Bullet Camera	IB9381-HT	ver.0302b
Vivotek Bullet Camera	IB9387-EH	supported by specification
Vivotek Bullet Camera	IB9387-EHT	supported by specification
Vivotek Bullet Camera	IB9387-H	supported by specification
Vivotek Bullet Camera	IB9387-HT	supported by specification
Vivotek Bullet Camera	IB9389-EH	supported by specification
Vivotek Bullet Camera	IB9389-EHM	supported by specification
Vivotek Bullet Camera	IB9389-EHT	supported by specification
Vivotek Bullet Camera	IB9389-H	supported by specification
Vivotek Bullet Camera	IB9389-HM	supported by specification
Vivotek Bullet Camera	IB9389-HT	supported by specification
Vivotek Bullet Camera	IB9391-EHT	supported by specification
Vivotek Box Camera	IP8130	supported by specification

Integration Protocol: ONVIF

Video: Up to 3 streams; H.265, H.264, MJPEG codecs

Audio: Microphone (audio-in); G.711, AAC codecs

EdgeStorage: EdgeStorage Sync and EdgeStorage Gate for h264 or h265 codecs

Controls: Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only); Sensors (inputs); Relays (outputs)

Network: Multicast/Unicast; Basic or Digest Authentication; HTTP/HTTPS; IPv4/IPv6; UDP/TCP

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Vivotek Box Camera	IP8131	supported by specification
Vivotek Box Camera	IP8131W	supported by specification
Vivotek Box Camera	IP8151	supported by specification
Vivotek Box Camera	IP8152	supported by specification
Vivotek Box Camera	IP8155HP	supported by specification
Vivotek Compact Cube Camera	IP8160	supported by specification
Vivotek Compact Cube Camera	IP8160-W	supported by specification
Vivotek Box Camera	IP8162	supported by specification
Vivotek Box Camera	IP8165HP	supported by specification
Vivotek Box Camera	IP8166	supported by specification
Vivotek Box Camera	IP8166A	supported by specification
Vivotek Box Camera	IP8166A-P	supported by specification
Vivotek Box Camera	IP816A-HP	supported by specification
Vivotek Box Camera	IP816D-P	supported by specification
Vivotek Box Camera	IP8172	supported by specification
Vivotek Box Camera	IP8173H	supported by specification
Vivotek Box Camera	IP8335H	supported by specification
Vivotek Box Camera	IP8355EH	supported by specification
Vivotek Box Camera	IP8355H	supported by specification
Vivotek Box Camera	IP8362	supported by specification
Vivotek Box Camera	IP8365EH	supported by specification
Vivotek Box Camera	IP8365H	supported by specification
Vivotek Box Camera	IP8371	supported by specification
Vivotek Box Camera	IP8371E	supported by specification
Vivotek Box Camera	IP8372	supported by specification
Vivotek Box Camera	IP9165-HP	supported by specification
Vivotek Box Camera	IP9165-LPC	supported by specification
Vivotek Box Camera	IP9167-HT (12-40mm)	supported by specification
Vivotek Box Camera	IP9167-HT (2.8-10mm)	supported by specification
Vivotek Box Camera	IP9171-HP	ver.0301a
Vivotek Box Camera	IP9171-HT	supported by specification
Vivotek Box Camera	IP9172-LPC	supported by specification
Vivotek Box Camera	IP9181-H	supported by specification
Vivotek Box Camera	IP9181-HP	supported by specification
Vivotek Box Camera	IP9191-HP	supported by specification
Vivotek Box Camera	IP9191-HT	supported by specification
Vivotek Dome Camera	IT9389-H	supported by specification
Vivotek Dome Camera	IT9389-HT	supported by specification
Vivotek Zoom Bullet Camera	IZ9361-EH	supported by specification
Vivotek Zoom Bullet Camera	IZ9371-EH	supported by specification
Vivotek Multi-Adjustable Views Camera	MA8391-ETV	supported by specification
Vivotek Multi-sensor Camera	MA9321-EHTV	supported by specification
Vivotek Multi-sensor Camera	MA9322-EHTV	supported by specification
Vivotek Mobile Dome Camera	MD8531H	supported by specification
Vivotek Mobile Dome Camera	MD8562	supported by specification
Vivotek Fixed Dome Camera	MD8563-DEHF2	supported by specification

Integration Protocol: ONVIF

Video: Up to 3 streams; H.265, H.264, MJPEG codecs

Audio: Microphone (audio-in); G.711, AAC codecs

EdgeStorage: EdgeStorage Sync and EdgeStorage Gate for h264 or h265 codecs

Controls: Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only); Sensors (inputs); Relays (outputs)

Network: Multicast/Unicast; Basic or Digest Authentication; HTTP/HTTPS; IPv4/IPv6; UDP/TCP

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Vivotek Fixed Dome Camera	MD8563-DEHF4	supported by specification
Vivotek Mobile Dome Camera	MD8563-EH	supported by specification
Vivotek Mobile Dome Camera	MD8563-EHF2	ver.0303b
Vivotek Mobile Dome Camera	MD8563-EHF4	supported by specification
Vivotek Mobile Dome Camera	MD8564-EH	supported by specification
Vivotek Mobile Dome Camera	MD8565-N	supported by specification
Mobile Vivotek Dome Camera	MD9561-H	supported by specification
Mobile Vivotek Dome Camera	MD9581-H	supported by specification
Vivotek Multiple Sensor Camera	MS8391-EV	supported by specification
Vivotek Multiple Sensor Dome Camera	MS8392-EV	supported by specification
Vivotek Multi-sensor Camera	MS9321-EHV	supported by specification
Vivotek Multi-Sensor Dome Camera	MS9390-HV	supported by specification
Vivotek Pan/Tilt Dome Camera	PD8136	supported by specification
Vivotek Dome Speed Camera	SD8161	supported by specification
Vivotek Dome Speed Camera	SD8314E	supported by specification
Vivotek Dome Speed Camera	SD8316E	supported by specification
Vivotek Dome Speed Camera	SD8324E	supported by specification
Vivotek Dome Speed Camera	SD8326E	supported by specification
Vivotek Dome Speed Camera	SD8332E	supported by specification
Vivotek Dome Speed Camera	SD8333-E	supported by specification
Vivotek Dome Speed Camera	SD8363E	supported by specification
Vivotek Dome Speed Camera	SD8364E	supported by specification
Vivotek Dome Speed Camera	SD9161-H	supported by specification
Vivotek Dome Speed Camera	SD9361-EH	supported by specification
Vivotek Dome Speed Camera	SD9361-EHL	ver.0303b
Vivotek Dome Speed Camera	SD9362-EH	supported by specification
Vivotek Dome Speed Camera	SD9362-EHL	ver.0303b
Vivotek Dome Speed Camera	SD9363-E	supported by specification
Vivotek Dome Speed Camera	SD9363-EHL	supported by specification
Vivotek Dome Speed Camera	SD9364-EH	supported by specification
Vivotek Dome Speed Camera	SD9364-EHL	supported by specification
Vivotek Dome Speed Camera	SD9365-EHL	supported by specification
Vivotek Dome Speed Camera	SD9366-EH	supported by specification
Vivotek Dome Speed Camera	SD9366-EHL	supported by specification
Vivotek System Fisheye Camera	SF8174	supported by specification
Vivotek Thermal Camera	TB9330-E	supported by specification
Vivotek Thermal Camera	TB9331-E	supported by specification
Vivotek Thermal Camera	TC9330-EV	supported by specification
Vivotek Split-type Camera	VC8101	ver.0302b
Vivotek Split-type Camera	VC8201	supported by specification
Vivotek Video Server	VS8100	supported by specification
Vivotek 1-CH Video Server	VS8100-v2	supported by specification
Vivotek Video Server	VS8102	supported by specification
Vivotek Video Server	VS8401	supported by specification
Vivotek Video Server	VS8801	supported by specification
Vivotek Compact Cube Camera	CC9380-HV	supported by specification

Integration Protocol: ONVIF

Video: Up to 3 streams; H.265, H.264, MJPEG codecs

Audio: Microphone (audio-in); G.711, AAC codecs

EdgeStorage: EdgeStorage Sync and EdgeStorage Gate for h264 or h265 codecs

Controls: Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only); Sensors (inputs); Relays (outputs)

Network: Multicast/Unicast; Basic or Digest Authentication; HTTP/HTTPS; IPv4/IPv6; UDP/TCP

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Vivotek Fixed Dome Camera	FD9167-HT-v2	supported by specification
Vivotek Fixed Dome Camera	FD9367-EHTV-v2	supported by specification
Vivotek Fixed Dome Camera	FD9369	supported by specification
Vivotek Fixed Dome Camera	FD9392-EHTV-O	supported by specification
Vivotek Fixed Dome Camera	FE9380-HV	supported by specification
Vivotek Fixed Dome Camera	FE9382-EHV-v2	supported by specification
Vivotek Bullet Camera	IB9365-LPR	supported by specification
Vivotek Bullet Camera	IB9367-EHT-v2	supported by specification
Vivotek Bullet Camera	IP9165-HT-v2	supported by specification
Vivotek Bullet Camera	IP9165-LPC-v2	supported by specification
Vivotek Bullet Camera	IP9165-LPC-v2 Kit	supported by specification
Vivotek Bullet Camera	IP9165-LPR	supported by specification
Vivotek Bullet Camera	IP9165-LPR Kit	supported by specification
Vivotek Box Camera	MD9582-H	supported by specification

Preferred Integration Protocol: ONVIF (common protocol)

Video: All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs; UDP/TCP protocols;

Audio: All channels available in device; Microphone (audio-in); G.711, AAC codecs;

EdgeStorage: EdgeStorage Sync and EdgeStorage Gate for h264 or h265 codecs;

Controls: Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only); Sensors (inputs); Relays (outputs);

Network: Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS;

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Supported Protocols: RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
XTS Fixed Box Camera	XTS-BC1.3DN30	supported by specification
XTS Fixed Box Camera	XTS-BC2MPDN	supported by specification
XTS Fixed Box Camera	XTS-BC2MPP265	supported by specification
XTS Fixed Box Camera	XTS-BC3MPDN	supported by specification
XTS Fixed Box Camera	XTS-BC3MPP265	supported by specification
XTS Fixed Box Camera	XTS-BC5MPDN	ver.1.1.3
XTS Fixed Box Camera	XTS-BC600DN-IP	supported by specification
XTS Fixed Box Camera	XTS-BC600-IP	supported by specification
XTS Fixed Box Camera	XTS-BCVGADN-IP	supported by specification
XTS Fixed Box Camera	XTS-BCVGA-IP	supported by specification
XTS Fixed Bullet Camera	XTS-BU1.3MPB	supported by specification
XTS Fixed Bullet Camera	XTS-BU1.3MPDNVF	supported by specification
XTS Fixed Bullet Camera	XTS-BU2MPB	supported by specification
XTS Fixed Bullet Camera	XTS-BU2MPDNVF	supported by specification
XTS Fixed Bullet Camera	XTS-BU2MPL265	supported by specification
XTS Fixed Bullet Camera	XTS-BU2MPP265	supported by specification
XTS Fixed Bullet Camera	XTS-BU3MPB	supported by specification
XTS Fixed Bullet Camera	XTS-BU3MPDNVF	supported by specification
XTS Fixed Bullet Camera	XTS-BU4MPL265	supported by specification
XTS Fixed Bullet Camera	XTS-BU540VF-IP	supported by specification
XTS Fixed Bullet Camera	XTS-BU5MPDN	supported by specification
XTS Fixed Mini Dome Camera	XTS-MD2MPL265	supported by specification
XTS Fixed Mini Dome Camera	XTS-MD2MPL265	supported by specification
XTS Fixed Mini Dome Camera	XTS-MD2MPP265	supported by specification
XTS Fixed Bullet Camera	XTS-MD3MP265	supported by specification
XTS Fixed Dome Camera	XTS-MDI1.3MP	supported by specification
XTS Fixed Dome Camera	XTS-MDI13DNVF	supported by specification
XTS Fixed Dome Camera	XTS-MDI2MPDN	supported by specification
XTS Fixed Dome Camera	XTS-MDI3MPDN	supported by specification
XTS Fixed Dome Camera	XTS-MDI3MPDNVF	supported by specification
XTS Fixed Dome Camera	XTS-MDI3MP-WDR	supported by specification
XTS Fixed Dome Camera	XTS-MDVP1.3DNVF	supported by specification
XTS Fixed Dome Camera	XTS-MDVP1.3MPDN	supported by specification
XTS Fixed Dome Camera	XTS-MDVP1.3MPDNVF	supported by specification
XTS Fixed Dome Camera	XTS-MDVP13MPDN	supported by specification
XTS Fixed Dome Camera	XTS-MDVP2MPDN	supported by specification
XTS Fixed Dome Camera	XTS-MDVP2MPDNVF	supported by specification
XTS Fixed Dome Camera	XTS-MDVP3MDNVF	supported by specification
XTS Fixed Dome Camera	XTS-MDVP3MDNVFIR-WDR	supported by specification
XTS Fixed Dome Camera	XTS-MDVP5MPDN-4	supported by specification
XTS Encoder	XTS-NVS-1	supported by specification
XTS Encoder	XTS-NVS11	supported by specification
XTS Encoder	XTS-NVS11A	supported by specification
XTS PTZ Camera	XTS-PTZ30X4MP-IR150	supported by specification
XTS PTZ Camera	XTS-PTZ30X4MP-IR250	supported by specification
XTS PTZ Dome Camera	XTS-SD10XDN-WIP	supported by specification
XTS PTZ Dome Camera	XTS-SD18XDN-WIP	supported by specification
XTS PTZ Dome Camera	XTS-SD20XDN2MP-WIP	ver.1.1.3

Preferred Integration Protocol: ONVIF (common protocol)

Video: All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs; UDP/TCP protocols;

Audio: All channels available in device; Microphone (audio-in); G.711, AAC codecs;

EdgeStorage: EdgeStorage Sync and EdgeStorage Gate for h264 or h265 codecs;

Controls: Pan, Tilt, Zoom; Focus, Auto Focus; Iris, Auto Iris; Presets (Add/Update/Remove, Home preset); Tours by Presets (Call only); Sensors (inputs); Relays (outputs);

Network: Multicast/Unicast streaming; Basic or Digest access authentication; HTTP/HTTPS;

Note: Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Alternative Supported Protocols: RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
XTS PTZ Dome Camera	XTS-SD28XDN-WIP	supported by specification
XTS PTZ Dome Camera	XTS-SD36XDN-WIP	supported by specification
XTS PTZ Dome Camera	XTS-SD36XDNWPIRIP	supported by specification
XTS PTZ Dome Camera	XTS-SD36XDNWVIP	supported by specification
XTS Fixed Mini Dome Camera	XTS-SDH10XDN2MP-IR	supported by specification
XTS PTZ Speed Dome Camera	XTS-SDH10XDN2MP-IR	supported by specification
XTS PTZ Speed Dome Camera	XTS-SDH20XDN2MP-G	supported by specification
XTS PTZ Speed Dome Camera	XTS-SDH33XDN2MP-G	supported by specification

Joysticks and control boards

Manufacturer	Model
AXIS	AXIS T8310, AXIS 295
Bosch	KBD-Universal-XF Keyboard, IntuiKey Keyboard
CH Products	IP DESKTOP
Panasonic	WV-CU950
Pelco	KBD300A
Hanwha	SPC-7000, SPC-2000
Hikvision	DS-1600KI, DS-1100KI
Vivotek	IPD-USB

I/O devices

Manufacturer	Model
AXIS	A9161, A9188, A9188-VE
MOXA	ioLogik E2212 Series, ioLogik E2210 Series

Audio devices

Manufacturer	Model
AXIS	C1004-E, C2005, C3003-E, C1310-E
2N	SIP Mic

Access Control, Fire and Intrusion Systems

Manufacturer	Product
AMAG	Symmetry (version 8.1 and higher)
AXIS	AXIS A1001
Bolid	ORION PRO (version 1.11, release 2)
Bosch	Bosch APE (version 3.5 and higher)
Falco System	FalcoWEB (version 5.0.08)
Fiber SenSys	Fiber SenSys FD340 Series
FortNet	FortNet (version 1.4.2.15)
Isonas	Crystal Matrix (v.20.06.04)
Isonas	Pure Access (v.2.6.0)
Kantech	EntraPass v.8.20
Lenel	OnGuard 7.6 (version 7.6.382.1)
Next Level	NLSS Access Control
RBH-Access	AxiomV (v.5.2.84 release 3)
RusGuard	RusGuardSoft (version 1.10.0)
S2 Security	S2 NetBox (version 4.4)
Software House	C-Cure 9000 v2.40 & v2.50
Vault	Vault: SCAIIP v 5.0.8