

SecurOS™ VMS NVR 150 Series Datasheet



KEY FEATURES:

- 3 Supported Form Factors: Micro, SFF, and Tower
- SecurOS™ VMS Pre-installed
- Intel® 9th Generation Core™ Processor
- Intel® QSV Support for Powerful Video Decompression
- Dedicated 256GB OS M.2 Solid State Drive
- Up to 42TB Raw Storage
- 5 Year NBD Keep Your Hard Drive Warranty

The ISS SecurOS™ VMS NVR line provides scalable, secure, and robust platforms for end-to-end security solutions. Our NVRs come with the industry-leading SecurOS™ video management software pre-loaded for fast and easy deployments. The SecurOS™ VMS NVR 150 Series is designed for small to medium deployments and comes in micro, small form factor, and tower options to fit any installation needs.

Each NVR offers SATA storage and an Intel® Core™ processor for fast and stable performance. The onboard 9th generation Intel® processor enables up to 30% higher computing potential than its previous 8th generation processor counterparts. The NVR provides a complete video management, recording, and viewing solution in a single unit, to easily deploy a unified system combining video surveillance, access control, building automation, automatic license plate recognition, and other ISS video analytic modules.

Best in class components with a warranty to match, the SecurOS™ VMS NVR is designed to give you the power you need with the performance you can rely on. ISS tests, tunes, and guarantees that each NVR endures the toughest installations.

SYSTEM

	Micro	SFF	Tower
Windows	Windows 10 Pro	Windows 10 Pro	Windows 10 Pro
CPU	Intel® Core™ i3-9100T 3.10 GHz (4 Cores / 4 Threads)	Intel® Core™ i3-9100 3.60 GHz (4 Cores / 4 Threads)	Intel® Core™ i5-9500 3.0 GHz (6 Cores / 6 Threads)
RAM	4GB	8GB	16GB
OS Drive	1 x 256GB SSD	1 x 256GB SSD	1 x 256GB SSD
Data Storage	Up to 2TB Raw (SATA Drives)	Up to 14TB Raw (SATA Drives)	Up to 42TB Raw (SATA Drives)
Graphics	Intel® Integrated UHD630	Intel® Integrated UHD630 NVIDIA® Quadro® P400 (optional)	Intel® Integrated UHD630 NVIDIA® Quadro® P400 (optional)
Network	1 x 1 GbE RJ45 Port	2 x 1 GbE RJ45 Ports	2 x 1 GbE RJ45 Ports
Video Outputs	1 x DisplayPort; 1 x HDMI	1 x DisplayPort; 1 x HDMI	2 x DisplayPorts; 1 x VGA
USB	Rear: 2 x USB 3.1 Gen 1, 2 x USB 2.0 Front: 2 x USB 3.1 Gen 1	Rear: 2 x USB 3.1 Gen 1, 2 x USB 2.0 Front: 2 x USB 3.1 Gen 1, 2 x USB 2.0	Rear: 4 x USB 3.0, 2 x USB 2.0, Front: 1 x USB 3.0, 2 x USB 2.0, 1 x USB 3.0 Type-C
Warranty	5-Year NBD KYHD Warranty	5-Year NBD KYHD Warranty	5-Year NBD KYHD Warranty
Expansion Slots	-	1 x Low-profile PCIe x16 slot, 1 x Low-profile PCIe x1 slot (in default configuration)	1 x Full-height PCIe x16 slot, 2 x Full- height PCI x4 slot, 1 x Full-height PCI (in default configuration)
Accessories, included	USB Keyboard, Mouse	USB Keyboard, Mouse	USB Keyboard, Mouse

MECHANICAL

	Micro	Small Form Factor	Tower
Form Factor	Micro	Small Form Factor	Tower
OS Drive Bays	1 x M.2 SSD	1 x M.2 SSD	1 x M.2 SSD
Data Drive Bays	1 x 2.5"	1 x 3.5"	3 x 3.5"
Power Supply	65W	200W	460W
AC Input VAC Freq.	100 VAC to 240 VAC	100 VAC to 240 VAC	100 VAC to 240 VAC
Operating Temperature	41°F to 95°F (5°C to 35°C)	41°F to 95°F (5°C to 35°C)	32°F to 95°F (0°C to 35°C)
Operating Humidity	20% to 80% (non-condensing)	20% to 80% (non-condensing)	10% to 80% (non-condensing)
Dimensions (WxDxH)	1.4" x 7.0" x 7.2" (36mm x 178mm x 182mm)	3.7" x 11.5" x 11.4" (97mm x 292mm x 290mm)	6.89" x 17.12" x 14.17" (175mm x 434.8mm x 359.9mm)
Max Weight	2.60 lbs (1.18 kg)	11.42 lbs (5.14 kg)	20.06 lbs (9.10 kg)

ORDERING INFORMATION

SecurOS™ NVR (Micro) Part Numbers	SOS-NVR-150-1T-M, SOS-NVR-150-2T-M
SecurOS™ NVR (SFF) Part Numbers	SOS-NVR-150-2T-S, SOS-NVR-150-4T-S, SOS-NVR-150-8T-S, SOS-NVR-150-12T-S, SOS-NVR-150-14T-S
SecurOS™ NVR (Tower) Part Numbers	SOS-NVR-150-16T-T, SOS-NVR-150-24T-T, SOS-NVR-150-36T-T, SOS-NVR-150-42T-T
NVR Add-on Options	SOS-NVR-150-GPU-P400: <i>NVIDIA® Quadro® P400 (for SFF and Tower units only)</i>

