

# 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 48TB 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
<b>Windows</b>	Windows 10 Pro	Windows 10 Pro	Windows 10 Pro
<b>CPU</b>	Intel® Core™ i3-9100T 3.10 GHz (4 Cores / 4 Threads)	Intel® Core™ i3-9100 3.60 GHz (4 Cores / 4 Threads)	Intel® Core™ i3-9100 3.60 GHz (4 Cores / 4 Threads)
<b>RAM</b>	4GB	8GB	8GB
<b>OS Drive</b>	1 x 256GB SSD	1 x 256GB SSD	1 x 256GB SSD
<b>Data Storage</b>	Up to 2TB Raw (SATA Drives)	Up to 16TB Raw (SATA Drives)	Up to 48TB Raw (SATA Drives)
<b>Graphics</b>	Intel® Integrated UHD630	Intel® Integrated UHD630 NVIDIA® Quadro® P400 (optional)	Intel® Integrated UHD630 NVIDIA® Quadro® P400 (optional)
<b>Network</b>	1 x 1 GbE RJ45 Port	2 x 1 GbE RJ45 Ports	2 x 1 GbE RJ45 Ports
<b>Video Outputs</b>	1 x DisplayPort; 1 x HDMI	1 x DisplayPort; 1 x HDMI	2 x DisplayPorts; 1 x VGA
<b>USB</b>	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
<b>Warranty</b>	5-Year NBD KYHD Warranty	5-Year NBD KYHD Warranty	5-Year NBD KYHD Warranty
<b>Expansion Slots</b>	-	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)
<b>Accessories, included</b>	USB Keyboard, Mouse	USB Keyboard, Mouse	USB Keyboard, Mouse

## MECHANICAL

	Micro	Small Form Factor	Tower
<b>Form Factor</b>	Micro	Small Form Factor	Tower
<b>OS Drive Bays</b>	1 x M.2 SSD	1 x M.2 SSD	1 x M.2 SSD
<b>Data Drive Bays</b>	1 x 2.5"	1 x 3.5"	3 x 3.5"
<b>Power Supply</b>	65W	200W	460W
<b>AC Input VAC Freq.</b>	100 VAC to 240 VAC	100 VAC to 240 VAC	100 VAC to 240 VAC
<b>Operating Temperature</b>	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)
<b>Operating Humidity</b>	20% to 80% (non-condensing)	20% to 80% (non-condensing)	10% to 80% (non-condensing)
<b>Dimensions (WxDxH)</b>	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)
<b>Max Weight</b>	2.60 lbs (1.18 kg)	11.42 lbs (5.14 kg)	20.06 lbs (9.10 kg)

## ORDERING INFORMATION

<b>SecurOS™ NVR (Micro) Part Numbers</b>	SOS-NVR-150-1T-M, SOS-NVR-150-2T-M
<b>SecurOS™ NVR (SFF) Part Numbers</b>	SOS-NVR-150-2T-S, SOS-NVR-150-4T-S, SOS-NVR-150-8T-S, SOS-NVR-150-12T-S, SOS-NVR-150-16T-S
<b>SecurOS™ NVR (Tower) Part Numbers</b>	SOS-NVR-150-16T-T, SOS-NVR-150-24T-T, SOS-NVR-150-36T-T, SOS-NVR-150-48T-T
<b>NVR Add-on Options</b>	SOS-NVR-150-GPU-P400: <i>NVIDIA® Quadro® P400 (for SFF and Tower units only)</i>

