

SecurOS™ VMS NVR 170/175 Series Datasheet



KEY FEATURES:

- 350 Mbps Throughput
- Up to 32TB Raw Data Storage
- SecurOS™ VMS Pre-installed
- Intel® 9th Generation Core™ Processor
- Intel® QSV Support for Powerful Video Decompression
- Dedicated 256GB OS M.2 Solid State Drives
- Redundant Power Supplies
- 5 Year NBD Keep Your Hard Drive Warranty

The ISS 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 NVRs are designed for small to large installations, with large camera and bandwidth requirements. Additionally, the NVRs are engineered to efficiently run ISS video analytics modules.

The SecurOS™ VMS NVR 170/175 Series is a powerful rackmount hardware platform, designed to meet the most demanding security video requirements. The 170/175 Series are network video recorders designed for small to mid-scale video surveillance deployments, and are optimized for up to 350 Mbps of throughput for continuous recording. These NVRs provide 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™ 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	
Windows	Windows 10 Pro
CPU	<i>170 Series:</i> Intel® Core™ i5-9500 3.00 GHz (6 Cores / 6 Threads) <i>175 Series:</i> Intel® Core™ i7-9700K 3.60 GHz (8 Cores / 8 Threads)
RAM	16GB (2 x 8GB) DDR4
OS Drive	<i>170 Series:</i> 1 x 256GB SSD <i>175 Series:</i> 2 x 256GB SSD
Data Storage	Up to 32TB (SATA Drives)
Video Outputs	2 x USB 3.1 Type-C
Network	1 x 1GbE; 1 x 10GbE RJ45
USB	Front: 2 x USB 3.1 Type A, 1 x USB 3.1 Type C Rear: 2 x USB 3.1 Type C
Warranty	5-Year, On-site, NBD, Keep Your Hard Drive Warranty
Expansion Slots	1 x Full-height PCIe x16 or 2 x Full-height PCIe x8 slots 1 x Full-height, Half-width PCIe x4 (in default configuration)
Accessories, included	Rail Kit

MECHANICAL	
Form Factor	1U Rackmount
OS Drive Bays	<i>170 Series:</i> 1 x M.2 SSD <i>175 Series:</i> 2 x M.2 SSD
Data Drive Bays	2 x 3.5"
Power Supply	2 x 550W
AC Input VAC Freq.	100 VAC to 240 VAC
Operating Temperature	50°F to 95°F (10°C to 35°C)
Operating Humidity	5% to 90% (non-condensing)
Dimensions (WxHxD)	18.98" x 23.19" x 1.68" (482mm x 589.1mm x 42.8mm)
Weight	19.27 lbs (8.74 kg)
Rack	Standard 19" Rack

ORDERING INFORMATION	
SecurOS™ 170 NVR Part Numbers	SOS-NVR-170-4T, SOS-NVR-170-8T, SOS-NVR-170-12T, SOS-NVR-170-16T, SOS-NVR-170-24T, SOS-NVR-170-32T
SecurOS™ 175 NVR Part Numbers	SOS-NVR-175-4T, SOS-NVR-175-8T, SOS-NVR-175-12T, SOS-NVR-175-16T, SOS-NVR-175-24T, SOS-NVR-175-32T
NVR Add-on Options	SOS-NVR-170-GPU-P620: <i>NVIDIA® Quadro® P620 GPU (Up to 2 per NVR)</i> SOS-NVR-170-WIN19: <i>Upgrade from Windows 10 Pro to Windows Server 2019 Standard (at time of order)</i> SOS-NVR-175-GPU-P620: <i>NVIDIA® Quadro® P620 GPU (Up to 2 per NVR)</i> SOS-NVR-175-WIN19: <i>Upgrade from Windows 10 Pro to Windows Server 2019 Standard (at time of order)</i>