



SecurOS™ VMS

NVR 170/175 Series

Datasheet



KEY FEATURES:

- 350 Mbps Throughput
Up to 65 Cameras
- Up to 28TB Raw Data Storage
- SecurOS™ VMS Pre-installed
- Intel® 8th Generation
Core™ Processor
- Intel® QSV Support
for Powerful Video
Decompression
- Dedicated 256GB OS M.2
Solid State Drive
- Upgrade to a Graphics
Card for GPU Processing
- 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 and to support SAN/NAS expansions.

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	170 Series: Intel® Core™ i5-8500 3.0 GHz (6 Cores / 6 Threads) 175 Series: Intel® Core™ i7-8700K 3.70 GHz (6 Cores / 12 Threads)
RAM	16GB
OS Drive	170 Series: 1 x 256GB SSD 175 Series: 2 x 256GB SSD
Data Storage	Up to 28TB (SATA Drives)
RAID	JBOD, 0, 1, 5, 10
Video Outputs	2 x USB 3.1 Type-C
Network	2 x 1 GbE RJ45 Ports
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 x 16 or (2) Full-height PCIe x 8 slots 1 x Full-height, Half-Width PCIe x 4 (In default configuration)
Accessories, included	Rail Kit

MECHANICAL

Form Factor	1U Rackmount
OS Drive Bays	170 Series: 1 x M.2 SSD 175 Series: 2 x M.2 SSD
Data Drive Bays	2 x 3.5-in.
Power Supply	170 Series: 1 x 550W 175 Series: 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 (W x H x D)	18.98" x 23.19" x 1.68" (482.0mm x 589.10mm x 42.80mm)
Weight	19.27 lbs (8.74 kg)
Rack	Standard 19-inch Rack

ORDERING INFORMATION

SOS-NVR - XXX - XXT

ISS NVR/Server

Series

*Storage
RAW*

SecurOS™ 170 NVR Part Numbers

SOS-NVR-170-4T, SOS-NVR-170-8T, SOS-NVR-170-12T, SOS-NVR-170-16T,
SOS-NVR-170-20T, SOS-NVR-170-24T, SOS-NVR-170-28T

SecurOS™ 175 NVR Part Numbers

SOS-NVR-175-4T, SOS-NVR-175-8T, SOS-NVR-175-12T, SOS-NVR-175-16T,
SOS-NVR-175-20T, SOS-NVR-175-24T, SOS-NVR-175-28T



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