

SecurOS™ Analytics NVR 505 Series Datasheet



KEY FEATURES:

- Optimized for ISS Analytics
- 3 Supported Form Factors: SFF, Tower, and Rack
- Up to 28TB Raw Data Storage
- Intel® 9th Generation Core™ Processor
- Intel® QSV Support for powerful Decompression
- SecurOS™ VMS Pre-installed
- Upgrade to NVIDIA® Graphics Card for GPU Processing
- 5 Year Global Next Business Day On-site Warranty (Keep Your Own Drives)

The ISS Video Server line provides scalable, secure, and robust platforms for end-to-end security solutions. Our servers come with the industry-leading SecurOS™ video management software pre-loaded for fast and easy deployments. The servers are designed for small to large installations, with large camera and bandwidth requirements. Additionally, the servers are engineered to efficiently run ISS video analytics modules and to support SAN/NAS expansions.

The SecurOS Analytics 500 Series server line offers enterprise network video servers designed to run ISS video analytics modules. The 505 models support running ISS analytics in a low to medium capacity. These NVRs come with the 9th generation Intel® Core™ i7 processors to provide high-end performance and fast processing. In addition, the 505 models offer up to 28TB of storage, have three supported form factors, and offer a number of extended support options. These NVRs provide a complete video management, recording, and viewing solution in a single unit, to easily deploy a unified system combining video surveillance and ISS video analytics.

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

SYSTEM

	SFF	Tower	Rack
Windows	Windows 10 Pro	Windows 10 Pro	Windows 10 Pro
CPU	Intel® Core™ i7-9700 3.00 GHz (8 Cores / 8 Threads)	Intel® Core™ i7-9700K 3.60 GHz (8 Cores / 8 Threads)	Intel® Core™ i7-9700K 3.60 GHz (8 Cores / 8 Threads)
RAM	16GB (2 x 8GB) DDR4	16GB (2 x 8GB) DDR4	16GB (2 x 8GB) DDR4
OS Drive	1 x 256GB SSD	1 x 256GB SSD	1 x 256GB SSD
Data Storage	Up to 4TB (SATA Drives)	Up to 28TB (SATA Drives)	Up to 28TB (SATA Drives)
Graphics	Integrated Graphics	Integrated Graphics NVIDIA® RTX 2070S (optional) NVIDIA® RTX 2080S (optional)	Integrated Graphics NVIDIA® RTX 2070S (optional) NVIDIA® RTX 2080S (optional)
Network	2 x 1 GbE RJ45 Ports	2 x 1 GbE RJ45 Ports	1 x 1GbE; 1 x 10GbE RJ45
Video Outputs	1 x DisplayPort; 1 x HDMI	2 x DisplayPorts; 1 x VGA	2 x USB 3.1 Type-C
USB	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	Rear: 2 x USB 3.1 Type C Front: 2 x USB 3.1 Type A, 1 x USB 3.1 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)	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	USB Keyboard, Mouse	USB Keyboard, Mouse	Rail Kit

MECHANICAL

Form Factor	Small Form Factor	Tower	1U Rackmount
OS Drive Bays	1 x M.2 SSD	1 x M.2 SSD	1 x M.2 SSD
Data Drive Bays	1 x 3.5"	3 x 3.5"	2 x 3.5"
Power Supply	200W	850W	2 x 500W
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)	32°F to 95°F (0°C to 35°C)	50°F to 95°F (10°C to 35°C)
Operating Humidity	20% to 80% (non-condensing)	10% to 80% (non-condensing)	5% to 90% (non-condensing)
Dimensions (WxDxH)	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)	18.98" x 23.19" x 1.68" (482mm x 589.1mm x 42.8mm)
Max Weight	11.42 lbs (5.14 kg)	20.06 lbs (9.10 kg)	19.27 lbs (8.74 kg)

ORDERING INFORMATION

SecurOS™ Analytics NVR (SFF) Part #s	SOS-NVR-505-1T-S, SOS-NVR-505-2T-S, SOS-NVR-505-4T-S
SecurOS™ Analytics NVR (Tower) Part #s	SOS-NVR-505-1T-T, SOS-NVR-505-2T-T, SOS-NVR-505-4T-T, SOS-NVR-505-8T-T, SOS-NVR-505-12T-T, SOS-NVR-505-16T-T, SOS-NVR-505-28T-T
SecurOS™ Analytics NVR (Rack) Part #s	SOS-NVR-505-2T-R, SOS-NVR-505-4T-R, SOS-NVR-505-8T-R, SOS-NVR-505-12T-R, SOS-NVR-505-16T-R, SOS-NVR-505-28T-R
NVR Add-on Options	SOS-NVR-505-GPU-2070S: <i>NVIDIA® RTX 2070S GPU (1 per server, Tower and Rack units only)</i> SOS-NVR-505-GPU-2080S: <i>NVIDIA® RTX 2080S GPU (1 per server, Tower and Rack units only)</i>

