

SecurOS™ Analytics Server 510 Series Datasheet



KEY FEATURES:

- Optimized for ISS Analytics
- Up to 96TB Raw Data Storage
- SecurOS™ VMS Pre-installed
- Redundant Power Supplies
- 2 Solid State OS Drives (RAID1)
- DAS, SAN, and NAS Expansion Options
- Upgrade to NVIDIA® Graphics Card for GPU Processing
- 5 Year Global Next Business Day On-site Warranty

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 510 models support running ISS analytics in a low to medium capacity. These servers use Intel's latest processors to provide high-end performance and fast processing. In addition, the 510 models offer up to 96TB of storage, have redundant power supplies, and offer a number of extended support options. These servers provide a complete video management, recording, and viewing solution in a single unit, to easily deploy a unified system combining video surveillance, access control, 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

Windows	Windows 10 Pro Windows Server 2019 (Optional)
CPU	Intel® Xeon® Silver 4210 2.20 GHz (10 Cores / 20 Threads)
RAM	16GB (2 x 8GB) DDR4
OS Drive	2 x 256GB SSD (RAID1)
Data Storage	Up to 96TB RAW (SATA Drives)
RAID	JBOD, 0, 1, 5, 6, 10
Video Outputs	1 x VGA NVIDIA® GeForce® RTX4000 (Optional)
Network	2 x 1 Gbps
RAID Controller	PERC H740P
USB	Front: 2 x USB 2.0 Rear: 2 x USB 3.0
Warranty	5 Year Global Next Business Day, Onsite Warranty (Keep Your Own Hard Drives)
Accessories Included	Rail Kit

MECHANICAL

Form Factor	2U Rackmount
OS Drive Bays	2 x 3.5" Hot Swap
Data Drive Bays	6 x 3.5" Hot Swap
Power Supply	2 x 1100W Hot Swap
Max Power Draw	1190W
AC Input VAC Freq.	100 VAC to 240 VAC, 50/60 Hz, Autoranging
Operating Temperature	50°F to 95°F (10°C to 35°C)
Operating Humidity	5% to 90% (non-condensing)
Dimensions (WxDxH)	17.1" x 29.78" x 3.41" (434.4mm x 756.5mm x 86.8mm)
Weight	63 lbs (28.6 kg) Fully Populated
Safety and Emissions	Energy Star, CEC, CECP, FCC, NOM, CCC, UL
Rack	Standard 19" Rack, Uses Full Depth of Rack

ORDERING INFORMATION

SecurOS™ Analytics Server Part Numbers	SOS-NVR-510, SOS-NVR-510-12T, SOS-NVR-510-24T, SOS-NVR-510-32T, SOS-NVR-510-40T, SOS-NVR-510-48T, SOS-NVR-510-60T, SOS-NVR-510-72T, SOS-NVR-510-96T
Server Add-on Options	SOS-NVR-510-WIN19: <i>Upgrade from Windows 10 Pro to Windows Server 2019 Standard</i> SOS-NVR-510-MEM-32GB: <i>Upgrade RAM from 16GB to 32GB</i> SOS-NVR-510-SSD-480GB: <i>Upgrade to 2 x 480GB SSD Drives (for OS)</i> SOS-NVR-510-GPU-RTX4000: <i>NVIDIA® RTX4000 GPU (Up to 3 per server)</i>

