

SecurOS™ VMS Server 510 Series Datasheet



KEY FEATURES:

- Optimized for ISS Analytics
- Up to 40 TB 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 40 TB 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 IoT Windows Server 2016 (Optional)
CPU	Intel E3-1280 v6 3.90 GHz (4 Core / 8 Thread)
RAM	16 GB (2 x 8 GB) DDR4 2400 MHz
OS Drive	2 x 200 GB SSD (RAID1)
Data Storage	Up to 40 TB RAW (SATA Drives)
RAID	JBOD, 0, 1, 5, 10
Video Outputs	VGA Optional NVIDIA Quadro P400 or P620 Discrete GPU
Network	2 x 1 Gbps
RAID Controller	PERC H330 12 Gb/s SAS/SATA Controller
USB	Front: 2 x USB 2.0 Rear: 2 x USB 3.0
Warranty	5 Year Global Next Business Day, Onsite Warranty
Accessories Included	USB Keyboard, Mouse, Rail Kit

MECHANICAL	
Form Factor	1U Rackmount
OS Drive Bays	2 x 200 GB SSD
Data Drive Bays	4 x 3.5-in. Fixed, Internal
Power Supply	350 W, Hot Plug Redundant Power Supply
Power Draw	100 VAC to 240 VAC, 50/60 Hz, 4.8 A to 2.4 A per Power Supply
AC Input VAC Freq.	100 VAC to 240 VAC, 50/60 Hz, Autoranging
Operating Temperature	10° C to 35° C (50° F to 95° F)
Operating Humidity	10% to 80% Relative Humidity at 29° C (84.2° F) Maximum Dew Point
Dimensions	434.0 mm x 43.0 mm 676.0 mm (17.09 in. x 1.68 in. x 26.60 in.)
Weight	13.80 kg (30.42 lbs) Fully Populated
Safety and Emissions	Energy Star, CEC, CECP, FCC, NOM, CCC, UL
Rack	Standard 19-inch Rack, Uses Full Depth of Rack

ORDERING INFORMATION	
SecurOS Analytics Server Part Numbers	SOS-NVR-510, SOS-NVR-510-12T, SOS-NVR-510-16T, SOS-NVR-510-24T, SOS-NVR-510-32T, SOS-NVR-510-40T
Server Add-on Options	SOS-NVR-510-GPU-P400: <i>NVIDIA Quadro P400, 2 GB, 3 mDP</i>
	SOS-NVR-510-GPU-P620: <i>NVIDIA Quadro P620, 2 GB, 4 mDP</i>
	SOS-NVR-510-WIN16: <i>Upgrade from Windows 10 IoT to Windows Server 2016</i>