

# SecurOS™ Analytics Server 510 Series Datasheet



## KEY FEATURES:

- Optimized for ISS Analytics
- Up to 84TB 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 84TB 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

<b>Windows</b>	Windows 10 Pro Windows Server 2019 (Optional)
<b>CPU</b>	Intel® Xeon® Silver 4210 2.20 GHz (10 Cores / 20 Threads)
<b>RAM</b>	16GB (2 x 8GB) DDR4
<b>OS Drive</b>	2 x 256GB SSD (RAID1)
<b>Data Storage</b>	Up to 84TB RAW (SATA Drives)
<b>RAID</b>	JBOD, 0, 1, 5, 6, 10
<b>Video Outputs</b>	1 x VGA NVIDIA® GeForce® RTX4000 (Optional)
<b>Network</b>	4 x 1 Gbps
<b>RAID Controller</b>	PERC H740P
<b>USB</b>	Front: 2 x USB 2.0 Rear: 2 x USB 3.0
<b>Warranty</b>	5 Year Global Next Business Day, Onsite Warranty (Keep Your Own Hard Drives)
<b>Accessories Included</b>	Rail Kit

## MECHANICAL

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

## ORDERING INFORMATION

<b>SecurOS™ Analytics Server Part Numbers</b>	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-510-84T
<b>Server Add-on Options</b>	SOS-NVR-510-WIN19: <i>Upgrade from Windows 10 Pro to Windows Server 2019 Standard</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>

