

# SecurOS™ VMS Server 530 Series Datasheet



## KEY FEATURES:

- Optimized for ISS Analytics
- Up to 64 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 530 models support running ISS analytics in a medium to high capacity. These servers use Intel's latest processors to provide high-end performance and fast processing. In addition, the 530 models offer up to 64 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

<b>Windows</b>	Windows 10 IoT Windows Server 2016 (Optional)
<b>CPU</b>	2 x Intel Xeon Silver 4110 2.10 GHz (16 Core / 32 Thread)
<b>RAM</b>	16 GB (2 x 8 GB) DDR4 2400 MHz Option to Upgrade to 32 GB
<b>OS Drive</b>	2 x 240 GB SSD (RAID1)
<b>Data Storage</b>	Up to 64 TB RAW (SATA Drives)
<b>RAID</b>	JBOD, 0, 1, 5, 6, 10
<b>Video Outputs</b>	VGA Optional NVIDIA Quadro P1000 or P2000 Discrete GPU
<b>Network</b>	4 x 1 Gbps
<b>RAID Controller</b>	PERC H730P 12 Gb/s SAS/SATA Controller
<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
<b>Accessories included</b>	USB Keyboard, Mouse, Rail Kit

## MECHANICAL

<b>Form Factor</b>	2U Rackmount
<b>OS Drive Bays</b>	2 x M.2 BOSS PCIe Card
<b>Data Drive Bays</b>	12 x 3.5-in. Hot Swappable
<b>Power Supply</b>	750 W, Hot Plug Redundant Power Supply
<b>Power Draw</b>	100 VAC to 240 VAC, 50/60 Hz, 10 A to 5 A per Power Supply
<b>AC Input VAC Freq.</b>	100 VAC to 240 VAC, 50/60 Hz, Autoranging
<b>Operating Temperature</b>	10° C to 35° C (50° F to 95° F)
<b>Operating Humidity</b>	10% to 80% Relative Humidity at 29° C (84.2° F) Maximum Dew Point
<b>Dimensions</b>	434.0 mm x 86.80 x mm 681.80 mm (17.09 in. x 3.42 in. x 26.84 in.)
<b>Weight</b>	32.50 kg (71.50 lbs) Fully Populated
<b>Safety and Emissions</b>	Energy Star, CEC, CECP, FCC, NOM, CCC, UL
<b>Rack</b>	Standard 19-inch Rack, Uses Full Depth of Rack

## ORDERING INFORMATION

<b>SecurOS Analytics Server Part Numbers</b>	SOS-NVR-530, SOS-NVR-530-24T, SOS-NVR-530-32T, SOS-NVR-530-40T, SOS-NVR-530-48T, SOS-NVR-530-56T, SOS-NVR-530-64T
<b>Server Add-on Options</b>	SOS-NVR-530-MEM-32GB: <i>Increase Memory from 16 GB to 32 GB</i> SOS-NVR-530-GPU-P1000: <i>NVIDIA Quadro P1000, 4 GB, 4 DP</i> SOS-NVR-530-GPU-P2000: <i>NVIDIA Quadro P2000, 5 GB, 4 DP</i> SOS-NVR-530-WIN16: <i>Upgrade from Windows 10 IoT to Windows Server 2016</i>



Intelligent Security Systems  
1480 U.S. Highway 9 North  
Suite 202  
Woodbridge, NJ 07095  
1.732.855.1111

INTELLIGENT VIDEO. DEFINED.