

SecurOS™ VMS Server 550 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 550 models support running ISS analytics in a high capacity. These servers use Intel's latest processors to provide high-end performance and fast processing. In addition, the 550 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	
Windows	Windows 10 IoT Windows Server 2016 (Optional)
CPU	2 x Intel Xeon Silver 4114 2.20 GHz (20 Core / 40 Thread)
RAM	32 GB (4 x 8 GB) DDR4 2400 MHz Option to Upgrade to 64 GB
OS Drive	2 x 240 GB SSD (RAID1)
Data Storage	Up to 64 TB RAW (SATA Drives)
RAID	JBOD, 0, 1, 5, 6, 10
Video Outputs	VGA Optional NVIDIA Quadro P1000 or P2000 Discrete GPU
Network	4 x 1 Gbps
RAID Controller	PERC H740P 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	2U Rackmount
OS Drive Bays	2 x M.2 BOSS PCIe Card
Data Drive Bays	12 x 3.5-in. Hot Swappable
Power Supply	1100 W, Hot Plug Redundant Power Supply
Power Draw	100 VAC to 240 VAC, 50/60 Hz, 12 A to 6.5 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 86.80 x mm 715.50 mm (17.08 in. x 3.42 in. x 28.17 in.)
Weight	33.10 kg (72.91 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 VMS Server Part Numbers	SOS-NVR-550, SOS-NVR-550-24T, SOS-NVR-550-32T, SOS-NVR-550-40T, SOS-NVR-550-48T, SOS-NVR-550-56T, SOS-NVR-550-64T
Server Add-on Options	SOS-NVR-550-MEM-64GB: <i>Increase memory from 32 GB to 64 GB</i> SOS-NVR-550-GPU-P1000: <i>NVIDIA Quadro P1000, 4 GB, 4 DP</i> SOS-NVR-550-GPU-P2000: <i>NVIDIA Quadro P2000, 5 GB, 4 DP</i> SOS-NVR-550-WIN16: <i>Upgrade from Windows 10 IoT to Windows Server 2016</i>

