

SecurOS™ VMS Server 300 Series Datasheet



KEY FEATURES:

- 900 Mbps Throughput
- SecurOS™ VMS Pre-installed
- Intel® Xeon® Silver 4210 Processor
- Up to 252TB Raw Data Storage
- Redundant Power Supplies
- 2 Solid State OS Drives (RAID1)
- DAS, SAN, and NAS Expansion Options
- 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 VMS Server 300 Series is a powerful rackmount hardware platform, designed to meet the most demanding security video requirements. The 300 Series are enterprise network video recorders designed for mid-scale to large video surveillance deployments, and are optimized for up to 900 Mbps of throughput for continuous recording. These servers deliver cost-effective performance and an ease of deployment and reliability that ensures the system gets up and running fast and stays that way. The 300 series offers high throughput and performance balance for the camera load while scalable architecture keeps stride with retention requirements.

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 Upgrade to 32GB (Optional)
OS Drive	2 x 240GB SSD (RAID1)
Data Storage	Up to 252TB RAW (SATA Drives)
RAID	JBOD, 0, 1, 5, 6, 10
Video Outputs	1 x VGA
Network	4 x 1 Gbps
RAID Controller	PERC H740P
USB	Front: 2 x USB 2.0 Rear: 2 x USB 3.0 Internal: 1 x USB 3.0
Remote Management	iDRAC Express
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 M.2 SSD	
Data Drive Bays (dependent on model)	14 x 3.5" Hot Swap	18 x 3.5" Hot Swap
Power Supply	2 x 1100W Hot Swap	
Max Power Draw	820W	
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)	19" x 28.15" x 3.4" (482.6mm x 646mm x 86.8mm)	
Weight	72.91 lbs (33.10 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™ VMS Server Part Numbers	SOS-NVR-300, SOS-NVR-300-24T, SOS-NVR-300-32T, SOS-NVR-300-40T, SOS-NVR-300-48T, SOS-NVR-300-56T, SOS-NVR-300-64T, SOS-NVR-300-72T, SOS-NVR-300-80T, SOS-NVR-300-88T, SOS-NVR-300-96T, SOS-NVR-300-104T, SOS-NVR-300-120T, SOS-NVR-300-132T, SOS-NVR-300-144T, SOS-NVR-300-156T, SOS-NVR-300-168T, SOS-NVR-300-180T, SOS-NVR-300-192T, SOS-NVR-300-204T, SOS-NVR-300-216T, SOS-NVR-300-224T, SOS-NVR-300-238T, SOS-NVR-300-252T
Server Add-on Options	SOS-NVR-300-WIN19: <i>Upgrade from Windows 10 Pro to Windows Server 2019</i> SOS-NVR-300-MEM-32GB: <i>Increase RAM from 16GB to 32GB</i>

