

SecurOS™ VMS Server 400 Series Datasheet



KEY FEATURES:

- 1.3 Gbps Throughput
- Up to 300 Cameras
- SecurOS™ VMS Pre-installed
- Up to 252 TB Raw Data Storage (SAS drives for High-performance Recording)
- Redundant Power Supplies
- 2 Solid State OS Drives (RAID1)
- 10 Gbps Network Interface
- 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 400 Series is a powerful rackmount hardware platform, designed to meet the most demanding security video requirements. The 400 Series are enterprise network video recorders designed for large-scale video surveillance deployments, and are optimized for up to 1.3 Gbps of throughput for continuous recording. 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, building automation, automatic license plate recognition and other ISS video analytic modules.

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 4110 2.10 GHz (16 Core / 32 Thread)	
RAM	32 GB (4 x 8 GB) DDR4 2666 MHz ECC Option of 64 GB Upgrade	
OS Drive	2 x 240 GB SSD (RAID1)	
Data Storage	Up to 252 TB RAW (SAS Drives)	
RAID	JBOD, 0, 1, 5, 6, 10	
Video Outputs (dependent on model)	VGA	VGA, Optional NVIDIA Quadro P1000 or P2000 Discrete GPU
Network	2 x 1 Gbps, 2 x 10 Gbps SFP+	
RAID Controller (dependent on model)	PERC H730P 12 Gb/s SAS/SATA 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 (dependent on model)	14 x 3.5-in. Hot Swap	14 x 3.5-in. Hot Swap and 4 x 3.5-in. Internal
Power Supply (dependent on model)	750 W, Hot Plug Redundant Power Supply	1100 W, Hot Plug Redundant Power Supply
Power Draw (dependent on model)	100 VAC to 240 VAC, 50/60 Hz, 10 A to 5 A per Power Supply	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 (dependent on model)	434.0 mm x 86.80 x mm 681.80 mm (17.08 in. x 3.42 in. x 26.84 in.)	434.0 mm x 86.80 x mm 715.50 mm (17.08 in. x 3.42 in. x 28.17 in.)
Weight (dependent on model)	32.50 kg (71.50 lbs) Fully Populated	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-400, SOS-NVR-400-24T, SOS-NVR-400-32T, SOS-NVR-400-40T, SOS-NVR-400-48T, SOS-NVR-400-56T, SOS-NVR-400-64T, SOS-NVR-400-72T, SOS-NVR-400-80T, SOS-NVR-400-88T, SOS-NVR-400-96T, SOS-NVR-400-104T, SOS-NVR-400-112T, SOS-NVR-400-120T, SOS-NVR-400-130T, SOS-NVR-400-140T, SOS-NVR-400-156T, SOS-NVR-400-168T, SOS-NVR-400-182T, SOS-NVR-400-196T, SOS-NVR-400-210T, SOS-NVR-400-224T, SOS-NVR-400-238T, SOS-NVR-400-252T
Server Add-on Options	SOS-NVR-400-MEM-64GB: <i>Increase Memory from 32 GB to 64 GB</i> SOS-NVR-400-GPU-P1000: <i>NVIDIA Quadro P1000, 4 GB, 4 DP</i> SOS-NVR-400-GPU-P2000: <i>NVIDIA Quadro P2000, 5 GB, 4 DP</i> SOS-NVR-400-WIN16: <i>Upgrade from Windows 10 IoT to Windows Server 2016</i>

