

# SecurOS™ VMS Server 200 Series Datasheet



## KEY FEATURES:

- 500 Mbps Throughput
- Up to 100 Cameras
- SecurOS™ VMS Pre-installed
- Up to 40 TB 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 200 Series is a powerful rackmount hardware platform, designed to meet the most demanding security video requirements. The 200 Series are enterprise network video recorders designed for small to mid-scale video surveillance deployments, and are optimized for up to 500 Mbps of throughput. This server delivers cost-effective performance and an ease of deployment and reliability that ensures the system gets up and running fast and stays that way. The 200 series is the ideal solution for the retail, banking, education, and transportation applications.

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	Intel E3-1270 v6 3.80 GHz (4 Core / 8 Thread)
RAM	16 GB (2 x 8 GB) DDR4 2400MHz
OS Drive	2 x 200 GB SSD (RAID1)
Data Storage	Up to 40 TB RAW (SATA drives), maximum
RAID	JBOD, 0, 1, 5, 10
Video Outputs	VGA Optional NVIDIA Quadro P400 or P620 Discrete GPU
Network	2 x 1 Gbps
RAID Controller	PERC H330 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 Standard
Accessories Included	USB Keyboard, Mouse, Rail Kit
MECHANICAL	
Form Factor	1U Rackmount
OS Drive Bays	2 x 200 GB SSD
Data Drive Bays	4 x 3.5-in. Fixed, Internal
Power Supply	350 W, Hot Plug Redundant Power Supply
Power Draw	100 VAC to 240 VAC, 50/60 Hz, 4.8 A to 2.4 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 43.0 x mm 676.0 mm (17.08 in. x 1.68 in. x 26.60 in.)
Weight	13.80 kg (30.42 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-200, SOS-NVR-200-6T, SOS-NVR-200-12T, SOS-NVR-200-18T, SOS-NVR-200-24T, SOS-NVR-200-32T, SOS-NVR-200-40T
Server Add-on Options	SOS-NVR-200-MEM-16GB: <i>Increase memory from 8 GB to 16 GB</i>
	SOS-NVR-200-GPU-P400: <i>NVIDIA Quadro P400, 2 GB, 3 mDP</i>
	SOS-NVR-200-GPU-P620: <i>NVIDIA Quadro P620, 2 GB, 4 mDP</i>
	SOS-NVR-200-WIN16: <i>Upgrade from Windows 10 IOT to Windows Server 2016</i>



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