SecurOS™ VMS NVR 160 Series Datasheet

KEY FEATURES:

- 350 Mbps Throughput

- Up to 65 Cameras

- SecurOS™ VMS Pre-installed

- 8th Generation 6-Core i7 Processor

- Intel® QSV Support for Powerful Video Decompression

- Up to 30 TB Raw Data Storage

- Solid State OS Drive

- ISS Analytics Ready

- 3 Year Depot Repair Warranty

The ISS NVR line provides scalable, secure, and robust platforms for end-to-end security solutions. Our NVRs come with the industry-leading SecurOS™ video management software pre-loaded for fast and easy deployments. The NVRs are designed for small to mid-scale installations, can support running ISS video analytics modules, and include the latest Intel i7 processors for maximum system performance.

The SecurOS VMS NVR 160 Series is a powerful rackmount hardware platform, designed to meet the most demanding security video requirements. The 160 Series are network video recorders designed for small to mid-scale video surveillance deployments, and are optimized for up to 350 Mbps of throughput for continuous recording. These NVRs 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 NVR 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
CPU	Intel® Core i7-8700 3.20 GHz (6 Cores / 12 Threads)
RAM	8 GB (1 x 8 GB) DDR4 2666 MHz *(*165 Series - 16 GB (2 x 8 GB) DDR4 2666 MHz)*
OS Drive	120 GB SSD *(*165 Series - 250 GB SSD)*
Data Storage	Up to 30 TB RAW (SATA Drives)
RAID	JBOD
Video Outputs	HDMI 1.4, DVI-D, D-Sub Ports for Multiple Display
Network	1 Gbps *(option to add 2nd 1 Gbps port)*
USB	Front: 2 x USB 2.0 Type A Rear: 2 x USB 3.1 Type A and 4 x USB 2.0 Type A
Warranty	3 Year Depot Repair Warranty / Next Business Day Parts
Accessories Included	USB Keyboard, Mouse, Rail Kit

MECHANICAL

Form Factor	2U Rackmount
OS Drive Bays	M.2 SSD
Data Drive Bays	3 x 3.5-in. Fixed, Internal
Power Supply	400 W, ATX Power Supply
Power Draw	100 VAC to 240 VAC, 50/60 Hz, 8 A, 2.5 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 85% at 40° C (104° F) Maximum Dew Point (Non-condensing)
Dimensions	430.0 mm x 88.0 mm x 457.0 mm (16.90 in. x 3.50 in. x 18.0 in.)
Weight	12.42 kg (27.38 lb) Fully Populated
Rack	Standard 19-inch Rack, Uses Full Depth of Rack

ORDERING INFORMATION

SecurOS 160 Series NVR Part Numbers	SOS-NVR-160-4T, SOS-NVR-160-8T, SOS-NVR-160-12T, SOS-NVR-160-16T, SOS-NVR-160-24T, SOS-NVR-160-30T
SecurOS 165 Series NVR Part Numbers	SOS-NVR-165-4T, SOS-NVR-165-8T, SOS-NVR-165-12T, SOS-NVR-165-16T, SOS-NVR-165-24T, SOS-NVR-165-30T
NVR Add-ons Options	SOS-NVR-160-NIC: *Add 1 x 1Gb Intel® Network Card*, SOS-NVR-165-NIC: *Add 1 x 1Gb Intel® Network Card*

* 165 Series is recommended when ISS analytics are needed

INTELLIGENT VIDEO. DEFINED.