



VX Series Network Video Management Server

Management Server for External Storage

The VX Series Network Video Management Servers are a scalable control platforms targeted for high-performance IP video surveillance applications. These systems have been specifically optimized for external storage solutions utilizing Sequential Storage Technology: **L**inear **A**rray of **I**dle **D**isks (L.A.I.D) and a Sequential File System. This low power consumption storage technology is complimented with the VX Series low power feature: 260W with two drive bays and 450W redundant power with four drives bays. In addition these NVRs offer 4 Gigbit Ethernet LAN ports to allow connections to clients, storage, video and the internet on unique networks. Or bond the ports for redundancy.

This option of the modular SurVIS™ (**S**urveillance **V**ideo **I**nformation **S**erver) platform is offered in small foot print form factor (1U rack mount) and comes with a Microsoft Windows Operating System pre-installed. In addition, like all VNS SurVIS NVRs, the systems can be pre-installed with commercially available Video Management Software – including the license key.

Applications and Features

Applications:

- Airports
- Casinos
- Municipalities
- Correctional Facilities
- Shopping Centers
- Hospitals
- Ports
- Large commercial buildings
- Financial institutions

Features:

- 1U Rack Mount Footprint
- Intel® Xeon technology
- Expandable system memory
- Flexible storage: 500 GB to 8 TB
- Microsoft Windows® Operating System
- RAID 1 OS drive

Common Configuration:

- **VX207**: 2.13 GHz Quad core processor, 4 GB RAM, Two 250 GB SATA II drives configured as a RAID 1 for OS and Application, Windows 2008 R1 Standard Edition Operating System, DVD R/W and redundant power supply





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Specifications:

SUPPLIED ACCESSORIES

Power Cable	2 USA Standard 117VAC, 3 prongs, 6ft
Keyboard	1 Basic Keyboard USB, Microsoft
Mouse	1 USB, Scroll Wheel, 3 Button, Microsoft
OS Restore	1 Microsoft OS CD
Rail Kit	Rack mount systems only

SYSTEM

Processors	Intel Xeon Quad-Core or Dual Quad-Core Processor
Internal Memory	2GB to 24GB DDR3 RAM 1333 MHz
Operating System	Windows 2008 Server or Windows 7 Professional
Operating System Storage	Scalable to 2TB
Network Interface	4 Gigabit Ethernet RJ-45 (1000BaseT)
Auxiliary Interfaces	2 USB Ports (Rear)

VIDEO

VGA Processing Equivalent	Up to 1000 VGA/sec*
Resolution	QCIF to mega-pixel based camera spec
Display	1 VGA monitor output

ENVIRONMENTAL

Operating	10° to 35° C (50° to 95° F), 8% to 90% (non-condensing)
Storage	-40° to 70° C (-40° to 158° F), 5 to 95% (non-condensing)

CASE I

Form Factor	1U Rack Mount with 2 Hot Swappable Drive Bays
Power Supply	260 watt
Cooling	2 x 10 cm
Dimensions	(HxWxD) 1.7 x 22.6 x 25.6 in. (43 x 426 x 574 mm)
Unit Weight (gross)	Approximately 35 lbs (15.9 kg.)

CASE J

Form Factor	1U Rack Mount with 4 Hot Swappable Storage Bays
Power Supply	450 watt Redundant
Cooling	3 x 3 cm
Dimensions	(HxWxD) 1.7 x 17.2 x 25.6 in. (43 x 437 x 650 mm)
Unit Weight (gross)	Approximately 45 lbs (20.5 kg.)



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Part Numbering:

VNS Part numbers are 13 characters.

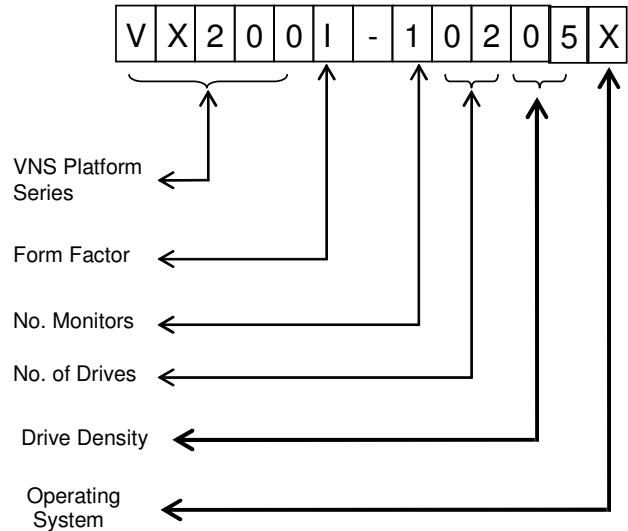
Platform:

VX200: External Storage NVR

Form Factor:

I: 1U Rack Mount w/2 Hot Swap Drives

J: 1U Rack Mount w/2 Hot Swap Drives & Redundant PS



Number of Monitors: 1

Number of Hard Drives: Quantity of Hard Drives (01 = 1, 05 = 5, etc)

Drive Density: 02 = 250 GB, 05 = 500 GB, 10 = 1000 GB and 20 = 2000 GB

Operating System:

K: Windows 2008 Server

L: Windows 2008 Server with a RAID 1 OS Drive

X: Windows 7 Professional

V: Windows 7 Professional with a RAID 1 OS Drive

Example:

VX207I-10210L: Rack mount case with non-redundant power supply, support for one monitor with Windows 2008 Server OS on a 1000 GB RAID 1.

*VGA/sec processing dependent on video surveillance management software package
Specifications subject to change without notice

Storage capacities are shown before formatting and overhead losses
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