



VS100 Series View Stations

Viewing Platform for VNS SurVIS NVRs

The VS Series Viewing Stations are video processing platforms intended for use in conjunction with the VNS V series Network Video Recorders (NVRs). The VS100 platform is targeted for entry level IP video surveillance applications and can support viewing cameras across 1, 2 or 4 monitors. All VNS viewing stations are available in desktop or rack mount form factors, run commercially available Digital Video Surveillance viewing software and come with Microsoft 7 Professional Operating System pre-installed. The VS100 series of products optimize performance for low camera count applications and utilizes a dual core processor. These systems come with a range of hard drive densities available— from 250 GB to 2000 GB. For OnSSI users please note that the VS100 is intended to be used with NetGuard, not Ocularis.

In green field installations or system upgrades, network surveillance systems like those offered by VNS are an excellent choice to meet end user's increasing demands from their security systems.

Applications and Features

Applications:

- Small Retail or Office
- Residential
- ATM's
- Home Construction
- Gated Community Entrance
- Day Care Centers



Features:

- Desktop (model suffix A) or Rack Mount (model suffix B) Footprint
- Intel® Dual Core technology
- Expandable system memory
- Microsoft Windows® XP PRO Operating System
- Various user defined hard drive densities
- Support for 1, 2 or 4 monitors



Common Configuration:

- **VS105:** 2.2 GHz Pentium Dual Core processor, Windows XP PRO, DVD R/W, and single monitor display support. 2.33 GHz Core2 Quad for dual and quad monitor support
- **VS107:** 3.2 GHz Core i3 Dual Core processor, Windows 7 PRO, DVD R/W and support for 1, 2 or 4 monitors



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Specifications:

SUPPLIED ACCESSORIES

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

SYSTEM

Processor	Intel [®] Core i3 Dual Core
Internal Memory	2GB DDR RAM
Operating System	Windows 7 Pro Service Pack 1
Operating System Drive	160GB to 2000 GB
Network Interface	1 Gigabit Ethernet RJ-45 (1000BaseT)
Auxiliary Interfaces	USB Ports

VIDEO

Resolution	QCIF to mega-pixel based camera spec
Display	1, 2 or 4 monitor outputs available

POWER

Power Input	100-240VAC, 50/60 Hz
Power Supply	Internal
Power Consumption	380 watts (Desktop), 400 watts (Rack Mount)

ENVIRONMENTAL

Operating	10° to 32° C (50° to 90° F), 8% to 80% (non-condensing)
Storage	-40° to 70° C (-40° to 158° F), 5 to 95% (non-condensing)

CASE A

Form Factor	Mid-Tower Desk Top with 2 Internal Storage Bays
Power Supply	380 watt
Cooling	1 rear 120mm Fan
Dimensions	(HxWxD) 18.3 x 8.25 x 18.6 in. (465 x 210 x 472 mm)
Unit Weight (gross)	Approximately 30 lbs (9.1 kg.)

CASE T

Form Factor	3U Rack Mount with 2 Internal Storage Bays
Power Supply	400 watt
Cooling	2x60x25mm (front) & 2x60x25mm Fans (Rear)
Dimensions	(HxWxD) 5.25 x 19 x 17 in. (133.4 x 482.6 x 431.8 mm)
Unit Weight (gross)	Approximately 40 lbs (18.2 kg.)



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Part Numbering:

VNS VS Part numbers are 11 characters.

Platform:

- VS100: NetGuard View Station
- VS200: Ocularis View Station

Form Factor:

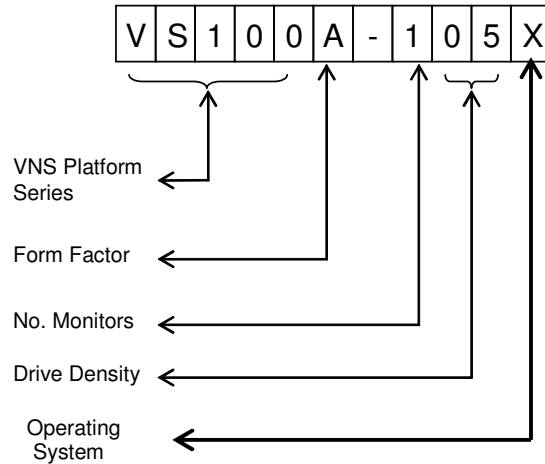
- A: Mid-Tower Desktop
- B: Pedestal Desktop
- C: Pedestal Desktop with Redundant Power Supply
- D: Workstation Desktop
- E: Workstation with Redundant PS
- F: High Density Workstation with Redundant PS
- K: 2U Rack Mount Chassis
- L: 2U Rack Mount with 6 Hot Swap Drives
- M: 2U Rack Mount w/ 6Hot Swap Drives & Redundant PS
- N: 4U Rack Mount w/8 Hot Swap
- O: 4U Rack Mount w/8 Hot Swap Drives & Redundant PS
- P: 3U Rack Mount w/12 Hot Swap Drives & Redundant PS
- R: 4U Rack Mount w/16 Hot Swap Drives & Redundant PS

Number of Monitors: 1, 2, 4, or 8

OS 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:

VS107A-105X: Entry Level View Station with desktop case, non-redundant power supply, support for one monitor, 500GB OS hard drive and Windows 7 Professional OS.

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

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