



V1000 Series Network Video Recorder

Entry Level Surveillance NVR

The V1000 Series Network Video Recorders (NVRs) are a scalable control and archive platform targeted for entry level IP video surveillance applications. This SurVIS™ (Surveillance Video Information Server) NVR comes in desktop or rack mount form factors, runs commercially available Digital Video Surveillance Management software, scales in both video processing power and archive capacity, comes with Microsoft XP PRO Operating System pre-installed and allows the user to view live or recorded video across 1, 2 or 4 monitors. The V1000 series of products optimize performance for low camera count applications. With the ability to process up to 240 VGA (6400 x 480) images per second, depending on software package, the V1000 is ideally suited to installations requiring 9 cameras or less. The NVR provides the ability to record and retrieve video and monitor alarms on a single application specific appliance. Storage can be scaled to 4 TB in a non-RAID configuration.

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® Pentium Dual Core Technology
- Expandable system memory
- Flexible video archive size: 250 GB to 4 TB
- Microsoft Windows® XP PRO Operating System
- Separate OS drive
- Support for 1, 2 or 4 monitors



Common Configuration:

- **V1005:** 2.2 GHz Core2 Duo processor, 2 GB RAM, flexible SATA II storage, Windows XP PRO, DVD R/W, Floppy
- **V1006:** 2.5 GHz Pentium Dual Core processor, 2 GB RAM, up to 2 SATA II HDs in fixed bays, Windows XP Pro, DVD RW, Floppy and two 10/100/1000 Mbps LAN Ports



VISTA Networking Solutions

Specifications:

SUPPLIED ACCESSORIES

Power Cable	1 USA Standard 117VAC, 3 prongs, 6ft
Keyboard	1 Basic Keyboard PS/2, Microsoft
Mouse	1 USB/PS2, Scroll Wheel, 3 Button, Microsoft
OS Restore	1 Microsoft OS CD
Rail Kit	Rack mount systems only

SYSTEM

Processor	Intel® Pentium®
Internal Memory	512KB to 4GB DDR RAM 333 MHz
Operating System	Windows XP Pro Service Pack 2
Operating System Storage	80GB SATA II
Video Archive Capacity	Up to 4 TB SATA II Fixed Drives
RAID Level	None
Network Interface	2 Gigabit Ethernet RJ-45 (1000BaseT)
Auxiliary Interfaces	6 USB 2.0 Ports, 2 Front and 4 Rear

VIDEO

CIF Processing Equivalent	Up to 240 VGA/sec*
Resolution	QCIF to mega-pixel based camera spec
Display	1, 2 or 4 monitor outputs available (must be specified at time of order)

POWER

Power Input	100-240VAC, 50/60 Hz
Power Supply	Internal
Power Consumption	430 watts (Desktop), 600 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)

PHYSICAL

Construction	Steel cabinet
Cooling	1 rear 120mm Fan (Desktop) 2x80mm (front) & 1x60mm, 2x40mm Fans (Rear) (Rack Mount)
Dimensions	(HxWxD) 18.3 x 8.25 x 18.6in. (465 x 210 x 472 mm) - Desktop (HxWxD) 3.5 x 19.4 x 16.6in. (88 x 493 x 422 mm) - Rack Mount
Unit Weight (gross)	Approximately 30 lbs (9.1 kg.) - Desktop Approximately 50 lbs (22.7 kg.) - Rack Mount

OPTIONS

Drives	Floppy, DVD R/W, SATA (up to 2 Hard Drives)
Interfaces	Firewire add-in
Encoder	1 to 4 port video encoder add-in

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

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