



V3000 Series Network Video Recorder

High-performance Surveillance NVR

The V3000 Series Network Video Recorders (NVRs) are a scalable control and archive platform targeted for high-performance IP video surveillance applications. This SurVIS™ (Surveillance Video Information Server) NVR comes in rack mount or desktop form factors, runs commercially available Digital Video Surveillance Management software, scales in both video processing power and archive capacity, comes with a Microsoft Operating System pre-installed and allows the user to view live or recorded video across 1, 2 or 4 monitors. The V3000 series of products optimize performance for large camera count applications as well as installations requiring the use of mega-pixel cameras. With the ability to process up to 1200 VGA (640 x 480) images per second, depending on software package, the V3000 is ideally suited to enterprise class installations at large facilities with an existing IT infrastructure. The NVR provides the ability to record and retrieve video and monitor alarms on a single application specific appliance. Storage can be scaled to 16 TB in a non-RAID, RAID 0 or RAID 5 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:

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



Features:

- Rack mount or Desktop footprint
- Intel® Xeon® technology
- Expandable system memory
- Flexible video archive size: 750 GB to 16 TB
- Microsoft Windows® Operating System
- Separate OS drive
- Support for 1, 2 or 4 monitors



Common Configuration:

- **V3005:** Two 2.33 GHz Quad core processors, 2 GB RAM, Flexible SATA II storage (up to 8 TB), Windows Operating System, DVD R/W and Floppy Disk
- **V3006:** Two 2.33 GHz Quad core processors, 4 GB RAM, Flexible SATA II storage (up to 16 TB), Windows Operating System, DVD R/W and Floppy Disk



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

Processors	Dual Intel® Xeon® Quad Core Processors
Internal Memory	2 GB to 16 GB DDR RAM 667 MHz
Operating System	Windows XP Pro Service Pack 3 or Windows 2003 Server
Operating System Storage	80GB
Video Archive Capacity	Up to 16 TB SATA II
RAID Level	None, 0, 1 or 5
Network Interface	2 Gigabit Ethernet RJ-45 (1000BaseT)
Auxiliary Interfaces	4 USB 2.0 Ports 2 Front 2 Rear

VIDEO

CIF Processing Equivalent	Up to 1200 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	650 watts

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)

PHYSICAL

Construction	Steel cabinet
Cooling	4x 5000 RPM Hot-Swappable Cooling Fans 2x 5000 RPM Hot-Swappable Rear Exhaust Fan
Dimensions	(WxHxD) 7 x 17.2 x 25.5in. (178 x 437 x 648 mm)
Unit Weight (gross)	Approximately 65 lbs (29.5 kg.)

OPTIONS

Drives	Floppy, DVD R/W, SATA density
Interfaces	Firewire add-in
Encoder	1 to 4 port video encoder add-in

*VGA/sec processing dependent on video surveillance management software package

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Specifications subject to change without notice