



## V2000 Series Network Video Recorder

### Mid-Range Surveillance NVR

The V2000 Series Network Video Recorders (NVRs) are a scalable control and archive platform targeted for mid-range 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 V2000 series of products optimize performance for mid-size camera count applications as well as installations requiring the use of a small number of mega-pixel cameras. With the ability to process up to 640 VGA (640 x 480) images per second, depending on software package, the V2000 is ideally suited to installations requiring less than 16 cameras. The NVR provides the ability to record and retrieve video and monitor alarms on a single application specific appliance. Storage can be scaled to 8 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:

- Parking Facilities
- Apartment Complexes
- Mid-size Construction Sites
- Bank branch offices
- Managed Care Facilities
- Strip Mall Retail Centers
- Manufacturing Lines
- Self-storage Lots
- Office Buildings
- Reservoirs



#### Features:

- Desktop (model suffix A) or Rack Mount (model suffix B) Footprint
- Intel® Core2® Technology
- Expandable system memory
- Flexible video archive size: 500 GB to 8 TB
- Microsoft Windows® Operating System
- Separate OS drive
- Support for 1, 2 or 4 monitors



#### Common Configuration:

- **V2005:** Single 2.66 GHz Core2 Duo processor, 2 GB RAM, flexible SATA II storage, Windows XP PRO, DVD R/W and Floppy Disk Drive
- **V2006:** Single 3.0 GHz Core2 Duo processor, 2 GB RAM, flexible SATA II storage in hot swappable HD bays, Windows XP PRO, DVD R/W, Floppy Disk Drive and 2 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(s)	Intel® Core2 Duo
Internal Memory	2 GB to 8 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 8 TB SATA II
RAID Level	None, 0, 1 or 5
Network Interface	2 Gigabit Ethernet RJ-45 (1000BaseT)
Auxiliary Interfaces	6 USB 2.0 Ports, 2 Front 4 Rear

### VIDEO

CIF Processing Equivalent	Up to 640 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	600 watts (Desktop), 650 watts (Rack Mount)

### 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	1 x 92 mm & 1 x 120 mm Fans (Desktop) 6 x 5000 RPM Hot-Swappable Fan (Rack Mount)
Dimensions	(HxWxD) 16.7 x 7.8 x 18.3in. (425 x 198 x 465 mm) - Desktop (HxWxD) 7 x 17.2 x 25.5in. (178 x 437 x 648 mm) - Rack Mount
Unit Weight (gross)	Approximately 50 lbs (22.7 kg.) - Desktop Approximately 65 lbs (29.5 kg.) - Rack Mount

### 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  
Specifications subject to change without notice

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