



V4000 Series Network Video Recorder

High-performance portable Surveillance NVR designed for field and mobile applications

The V4000 series NVR is a customizable high performance video processing appliance targeted for applications requiring portability. This Application Specific Computing Platform is compact, rugged and expandable. It includes a keyboard, point device and is available in 3 LCD monitor sizes. The VNS Portable Surveillance NVR is based on an all-aluminum chassis surrounded by a highly durable ABS plastic shell. It can be configured to process up to 1200 CIF images/sec, where 1 CIF equals an image resolution of 320 x 240. Storage can be scaled to 1.4TB of usable archive space in a non-RAID or RAID 0 configuration. The V4000 includes Windows XP Pro and can be made available with or without commercially available Digital Video Surveillance Management Software. It is the ideal solution for applications such as portable servers, network/communications testing, field data acquisition, remote field service, exploration, factory monitoring/automation, new technology demonstration or any installation which may not be "permanent".

Applications and Features

Applications:

- Construction sites
- Sales demonstration tool for multi-camera installations
- Short term "proof of concept" installations
- Investigation
- Quick turn installations
- Remote recording vehicle
- Mobile Fire and Police hot spot surveillance
- Portable video encoding and editing platform for satellite video broadcast



Features:

- Ruggedly built, industrial quality
- Light weight aluminum chassis, ABS plastic shell
- Up to 15.4" active matrix TFT LCD
- Full size mechanical key-switch keyboard
- Built-in glide point mouse pad
- Intel® Pentium 4®, PentiumD® or Core2® technology
- Expandable RAM
- Flexible video archive size: 185 GB to 1.4 TB
- Customizable features and accessories
- Soft wheeled carry case



Common Configurations:

- High storage (1.4 TB) to support mega pixel cameras or long duration installations
- Low storage (370 GB) to support short term installations, low resolution cameras or proof of concept demos



VISTA Networking Solutions

Specifications:

SUPPLIED ACCESSORIES

Power Cable	1 USA Standard 117VAC, 3 prongs, 6ft
Keyboard	Detachable 104/105 keys & mouse touch pad with dual buttons
Monitor	Active Matrix Thin-Film-Transistor LCD
OS Restore	1 Microsoft Windows XP Professional CD
Case	Soft wheeled nylon carrying case

SYSTEM

Processor	Intel® Pentium4®, PentiumD® or Core2®
Internal Memory	512KB to 2GB DDR2 RAM
Operating System	Windows XP Pro Service Pack 2
Operating System Storage	80GB IDE
Video Archive Capacity	Up to 1.4 TB SATA II
RAID Level	None, 0, 1 or 5
Network Interface	Gigabit Ethernet RJ-45 (1000BaseT)
Buttons	Power LCD brightness control

VIDEO

CIF Processing Equivalent	Up to 1200 CIF/sec*		
Resolution	QCIF to mega-pixel based camera spec		
Display	14.1"	15"	15.4"
Colors	16.7M	16.7M	16.7M
Resolution	1024x768	1024x768	1280x1024
Brightness	100 cd/m2	400 cd/m2	200 cd/m2

POWER

Power Input	100-240VAC, 50/60 Hz
Power Supply	Internal
Power Consumption	300 watts

ENVIRONMENTAL

Operating	0° to 40°C, 10%-90% non-condensing humidity
Storage	-20° to 60°C, 5% to 95% non-condensing humidity

PHYSICAL

Construction	Light weight aluminum chassis w/ high impact ABS plastic shell Rubber bumper protection corners Shock-mounted drive cage Add-on card stabilizer
Dual Intake Fans with Washable Filters	Side panel fan: 8 x 8 x 25cm (Airflow 30.0 CFM) Back cover fan: 8 x 8 x 15cm (Airflow 29.9 CFM)
Dimensions	15.7"W x 13.2"H x 10.4"D
Unit Weight	Approximately 31lbs
Carrying Case Weight	Approximately 11 lbs

OPTIONS

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

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

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