



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 2 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 750 VGA images/sec, where 1 VGA equals an image resolution of 640 x 480. Storage can be scaled to 6TB of usable archive space in a non-RAID or RAID 0 configuration. The V4000 includes a Windows Operating System 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" active matrix TFT LCD
- Full size mechanical key-switch keyboard
- Built-in glide point mouse pad
- Intel® Core i3® or Core i5® technology
- Expandable RAM
- Flexible video archive size: 250 GB to 6 TB
- Customizable features and accessories
- Soft wheeled carry case

Common Configurations:

- High storage (6 TB) to support mega pixel cameras or long duration installations
- Low storage (500 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 [®] Core i3 [®] or Core i5 [®]
Internal Memory	2GB to 4GB DDR2 RAM
Operating System	Windows 7 Professional or Windows 2008 Server
Operating System Storage	160 GB
Video Archive Capacity	Up to 6 TB SATA II
RAID Level	None, 0
Network Interface	Gigabit Ethernet RJ-45 (1000BaseT)
Buttons	Power LCD brightness control

VIDEO

CIF Processing Equivalent	Up to 750 VG/sec*	
Resolution	QCIF to mega-pixel based camera spec	
Display	14.1"	15"
Colors	16.7M	16.7M
Resolution	1024x768	1024x768
Brightness	100 cd/m2	400 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	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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