



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 1200 CIF images/sec, where 1 CIF equals an image resolution of 320 x 240. Storage can be scaled to 3TB 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" 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 3 TB
- Customizable features and accessories
- Soft wheeled carry case

Common Configurations:

- High storage (3 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 3 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 1200 CIF/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

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|-----------|--|
| 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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