

Enterprise NVR Series Servers

ENTERPRISE CLASS DIGITAL RECORDING SYSTEM

Honeywell's Enterprise NVR (Network Video Recorder) video management system is an industry-leading enterprise class digital video surveillance solution. The Enterprise NVR is built on best-in-class components that provide the flexibility and scalability needed to design a video system suited to a variety of end user applications. Honeywell is a total solution provider offering all the components of a reliable video system such as cameras, encoders, management software, servers, workstations, and video storage units.

The Enterprise NVR Series servers are the backbone of the Enterprise class digital network video recording system. The servers run the Enterprise NVR software and manage digital video—including receiving, storing and retransmitting video when it is requested by an NVR client workstation. Enterprise NVR servers leverage industry-leading IT components and are tested to sustain the rigorous demands of a video system.

The Enterprise NVR Series servers are rack mountable and designed to manage 16, 32, 64, or 96 channels of digital video for scalability. Powered by Intel technology, the servers are also designed to interface with the Honeywell NVR series RAID which includes SCSI protocol for data transmission to hard disks. For high availability the internal hard disks have RAID1 redundancy, and redundant power supplies are also offered.

Market Opportunities

The Enterprise NVR Series servers are an integral component of the Enterprise NVR video management system and can be scaled from a single camera to thousands of cameras. The small form factor, high performance, and reliability of the servers make it an ideal solution in installations where digital video is mission critical such as airports, casinos, and other critical infrastructure operations.

Features

- Capable of simultaneous record, playback, live view, archive, or transmission of digital video
- Receives and records a minimum of 32 channels of 4CIF
- Save user-selected video clips as a watermarked and tamper resistant Safe Data Container (SDC)
- Supports multiple layers of imported facility maps with associated cameras
- Utilizes Intel Xeon Dual Core processor technology
- 1 GB of DDR2 400 RAM
- RAID1 mirrored internal 160 GB SATAII hard disks for redundancy
- Dual channel U320 SCSI for external storage connectivity
- Dual Gigabit Ethernet ports for load balancing and maximum data throughput
- Windows® XP Professional Operating System
- Single or redundant power supply option.



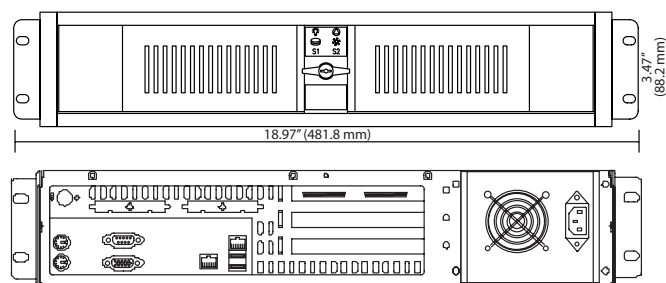
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www.honeywellvideo.com

ORDERING AND SYSTEM DIAGRAM

Operational	
Motherboard	Intel S3000AHLX ECC DDR2 4Dimm 8 GB, 1066/800/533 fsb, 4 SATAII w RAID 0, 1, 10, 1 -IDE ATA100, 1-Serial, Dual 10/100/1000 Gigabit w/IAMT, Integrated ATI ES1000 Graphics w/16 MB, Full ATX, PCI-Express x8 (super slot supporting PCI-X 64/133), PCI-E x1, PCI-X 64/100, and 2-PCI (no audio)
Operating System	Windows® XP Professional
Processor	Intel Xeon 3040 Dual core 1.86 GHz 2M cache 1066 fsb CPU, 65 nm S775 with Intel-designed factory heat-sink
Memory	1 GB Kit (2x512 MB modules) Dual Channel Samsung DDR2 ECC PC667 Kit (single-bit and multiple bit error correction)
Hard Drive	2 x Western Digital RAID Edition 160 GB operating in a RAID 1 configuration 3.0 Gb/s 16M 7200 rpm Server Class HD (1 million hrs (MTBF) Supports Secure Connect and latching SATA cables
SCSI Adapter	LSI 64-bit PCI-X Ultra320 Dual Channel SCSI Adapter
Floppy Drive	ALPS 3.5" Black 1.44 MB Floppy Disk
Optical Drive	NEC Dual Layer DVD-RW CD-RW Drive
NIC	Dual 10/100/1000 Gigabit NIC Onboard

Rear Panel Connections	
Mouse	1 x PS/2
Keyboard	1 x PS/2
USB	4 x Ports
Monitor Output	1 x SVGA
Ethernet Port	2 x RJ-45
Serial Port	1 x RS232C (audio jack)
Electrical	
Input Voltage	100 ~ 240 VAC with PFC (auto switching) Freq 47 4.6 A/1.9 A, 47 Hz / 63 Hz
Power Consumption	120 W (nominal)
Heat Generated at Maximum Wattage	Up to 853.23 BTU/hr (Up to 1706.45 BTU/hr dual redundant power supply)
Mechanical	
Dimensions (W x H x D)	18.97" x 3.47" x 20.81" (481.8 mm x 88.2 mm x 528.5 mm)
Weight	34.0 lb (15.42 kg)
Construction	Housing: Steel Finish: Brushed Steel
Environmental	
Temperature	Operating: 32°F to +104°F (0°C to +40°C)
Relative Humidity	5% to 90%, non-condensing



Ordering	
HESRVRE3S	Enterprise NVR Server, Intel Xeon 3040 1.86 GHz Dual Core, 1 GB RAM, 2 RAID 1 OS 160 GB HDDs, Dual channel U320 SCSI, DVD-RW, Single power supply
HESRVRR3S	Enterprise NVR Server, Intel Xeon 3040 1.86 GHz Dual Core, 1GB RAM, 2 RAID 1 OS 160 GB HDDs, Dual channel U320 SCSI, DVD-RW, Dual redundant power supply

NOTE: Honeywell reserves the right, without notification, to make changes in product design or specifications.

Honeywell Security

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L/NVRSER/D
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