Enterprise NVR Series Servers

ENTERPRISE CLASS DIGITAL RECORDING SYSTEM

The Honeywell Enterprise Series digital video servers are the backbone of the Enterprise class digital Network Video Recording (NVR) system. Powered by Intel's Pentium® IV 3.0 GHz 800FSB processor, Enterprise servers are engineered to process digital video with advanced capability including; real time recording and transmitting up to 32 channels of full motion, broadcast quality MPEG2 video over an ethernet network, plus storing and serving the highest quality digital video files. Dual Gigabit network ports ensure incoming and outgoing digital video traffic is properly balanced and our onboard dual channel SCSI controller interfaces with external hard disk storage.

Digital Network Video Server

Market Opportunities

Honeywell offers a remote workstation specifically designed for remote viewing and management of the Enterprise NVRs. These remote workstations can be used in a variety of applications from digital switching of analog video outputs to creating an archive of video clips for surveillance review or long-term storage.

Features

- Capable of simultaneous record, playback, view live, archive, or transmit 32 channels of real time 4CIF video streams (more if using lower resolution streams)

- Pentium IV 3.0 GHz 800FSB Processor

- 1 GB of DDR 400 RAM

- Fully mirrored internal 80GB SATA hard drives for redundancy

- Adaptec dual channel U320 SCSI controller

- Only limit to external storage capacity is SCSI cable length restrictions (10 meters)

- Dual Gigabit Ethernet ports for load balancing and maximum data throughput

- Windows® 2000 Professional Operating System

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SPECIFICATIONS

MODEL #	Description	Rack Units Height	Width x Height x Depth (in mm)	Maximum Power Draw (Watts)	Heat generated at Max Wattage (BTUs)
HESRVRE	Enterprise NVR Server with external SCSI connectivity	2	482.6 x 88.9 x 50.8	350	1194.2
HESRVRR	Enterprise NVR Server with redundant power supplies, also external SCSI connectivity	2	482.6 x 88.9 x 50.8	350	1194.2
HESRVRI	Enterprise NVR Server with Internal RAID capability, up to 7 hard disks	4	482.6 x 17.78 x 46.99	350	1194.2
HEWKSTNT	Enterprise NVR Workstation. Tower	Tower	194 x 426 x 440	300	1023.6
HEWKSTNR	Enterprise NVR Workstation. Rack Mount	4	482.6 x 17.78 x 46.99	300	1023.6
HEHD250E	250GB SATA Hard Disk for HESRVRI				
HEHD320E	320GB SATA Hard Disk for HESRVRI				
HEHD400E	400GB SATA Hard Disk for HESRVRI				

Power Requirements:
HESRVRE Power: 100 – 240VAC +10%
full range 3.5A / 1.5A, 47Hz / 63Hz

HESRVRI Power: 100 – 240VAC +10%
full range 6A / 3A, 47Hz / 63Hz

Operating Temperature:
0 - 40˚C non-condensing

Relevant to Servers:
Intel Pentium 4 3.00 GHz 800 FSB Processor
1 GB of DDR 400 memory
300W, 550W power supply (HESRVRE, HRSRVRI respectively)
Two 80GB SATA HDDs mirrored
Intel SATA RAID Controller
Adaptec Dual Channel U320 SCSI controller
Dual Gigabit Ethernet Ports
Floppy drive
DVD ROM/CDRW drive
Windows 2000 Professional

Relevant to Workstations:
Intel Pentium 4 3.00 GHz 800 FSB Processor
1 GB of DDR 400 memory
300W power supply
One 40GB PATA HDD
128MB NVidia FX5200 graphics card
Single Gigabit Ethernet Ports
Floppy drive
CDRW drive
Windows 2000 Professional

Physical Interfaces:
2 x USB 2.0/1.1 ports
2 x serial ports
1 x VGA port
1 x parallel port
2 x RJ45 Ethernet ports
1 x PS/2 keyboard port
1 x PS2/2 mouse port
2 x 168 pin wide VHDCI SCSI ports (servers only)
Additional 1 x VGA, 1 x S-video, 1 x DVI-I (workstations only)

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

Honeywell