

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 and offers all the components of a reliable video system such as cameras, encoders, management software, servers, workstations, and video storage.

The Enterprise NVR Series servers are the backbone of the Enterprise class digital network video recording system. The servers are pre-loaded with the latest version of Enterprise NVR software that receives video and audio from IP cameras and encoders. The server manages the receiving, storing and retransmitting video when it is requested by an NVR client workstation.

The Enterprise NVR Series servers are rack mountable and designed to manage up to 96 channels of digital video for scalability. Powered by Intel technology, the servers are also designed to interface with Honeywell's NVR series RAID which includes SAS and SCSI direct connected storage. For high availability the internal hard disks have RAID1 redundancy, and redundant power supplies are also offered. Dual 1 GB NIC cards are optimized to separate record and viewing data to ensure 100% recording and smooth playback even with multiple client connections. Enterprise NVR servers leverage industry-leading IT components and are tested to sustain the rigorous demands of a video system.

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 at 30/25 FPS
- Clips, events and configurations stored locally to reduce dependency on a central server
- 2U Form Factor with removable front bezel
- Utilizes Intel processor technology
- RAID 1 500 GB internal hard drives
- Dual Gigabit Ethernet ports for load balancing separates view data from record data
- SCSI or SAS (Serial Attached SCSI) host bus adapter (HBA) for external storage connectivity
- Windows® 7 Embedded Operating System
- Redundant power supply



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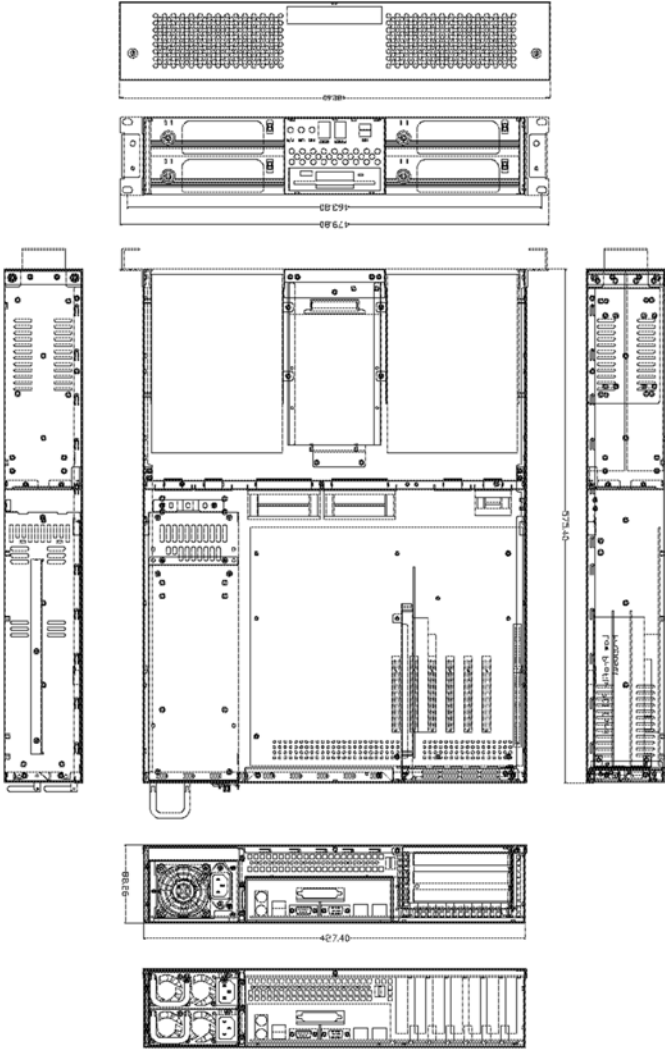
SPECIFICATIONS

Operational	
Operating System	Windows 7 Embedded 64-bit, SP1
Processor	Intel® Xeon® Processor E3-1225, 3.1GHz
Memory	8 GB
Hard Drive	Mirrored pair, 500 GB 7200RPM 16 MB SATA3
SCSI Adapter	U320 SCSI host bus adapter (Included with SCSI models only)
Optical Drive	24X SATA DVD-RW
Network Interface	Dual 10/100/1000 Gigabit NIC Onboard
SAS Adapter	6 Gb/s SAS Host Bus Adapter (Included with SAS models only)
Rack Kit	Rack kit for use with 2 U Server Chassis
Keyboard	USB Keyboard
Mouse	USB Mouse

Rear Panel Connections	
USB	6x Ports
Monitor Output	2x w/DVI to VGA adapter
Ethernet Port	2 x RJ-45
Serial Port	1 x DB9
Electrical	
Dual Power Supply	
Input Voltage	110/220 VAC 50/60 Hz
Power Consumption	500 W x 2 (maximum)
Mechanical	
Dimensions (W x H x D)	19" x 3.5" x 22.7" (482.6 mm x 88.26 mm x 575.4 mm)
Construction	Heavy duty cold rolled steel, front removable bezel
Environmental	
Temperature	0°C (32°F) ~ 35°C (95°F)
Relative Humidity	5% to 95%, non-condensing
Warranty	
Warranty and Advanced Replacements	Refer to http://www.honeywellvideo.com/support/warranty/index.html
Regulatory	
Emissions	FCC part 15B, ICES-003
Safety	UL/CSA 60950-1

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ORDERING AND SYSTEM DIAGRAM



Ordering	
HES5SADP	2U, Dual Power Supply, Enterprise Server with SAS Card
HES5SCDP	2U, Dual Power Supply, Enterprise Server with SCSI Card

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

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www.honeywellvideo.com

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L/NVRSER5D/D
December 2013
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