

Enterprise NVR Series Workstations

ENTERPRISE CLASS DIGITAL RECORDING SYSTEM

Honeywell's Enterprise NVR (network video recorder) video management system is an industry-leading enterprise class digital CCTV solution. The Enterprise NVR is built upon the best in class components that provide the flexibility and scalability 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 and powerful video system including cameras, encoders, management software, servers, workstations, and video storage.

Enterprise NVR Series workstations are the front end of the Enterprise NVR system delivering live and recorded video and Graphical User interface. The workstations are preloaded with the latest Enterprise Client software and are optimized for use delivering crisp clear video images. Models are available to support 2 or 4 monitors.

The Enterprise NVR workstations leverage industry leading IT components and are tested to the rigorous demands of a video system. Enterprise NVR series workstations come in either a tower or rack-mountable chassis. The number of workstations within the Enterprise NVR system is scalable to meet the application. The workstations are powered by industry leading Intel processors and the graphics support of up to 1920x1200 display.

Market Opportunities

Enterprise NVR series workstations are a necessary component of the Enterprise NVR video management system and can be scaled from a single station to over 100. The small form factor, high performance, and reliability of the server makes it an ideal solution where digital video is mission critical in application such as airports, casinos, and critical infrastructure operations.

Features

- Capable of simultaneous record, playback, live view, archive, or transmission of digital video
- Utilizes Intel processor technology
- 4 GB of DDR3 RAM
- 250 GB SATAII hard disk
- Available in a 3U Rack Mount or Tower Configuration
- Available in 2 monitor or 4 monitor configuration



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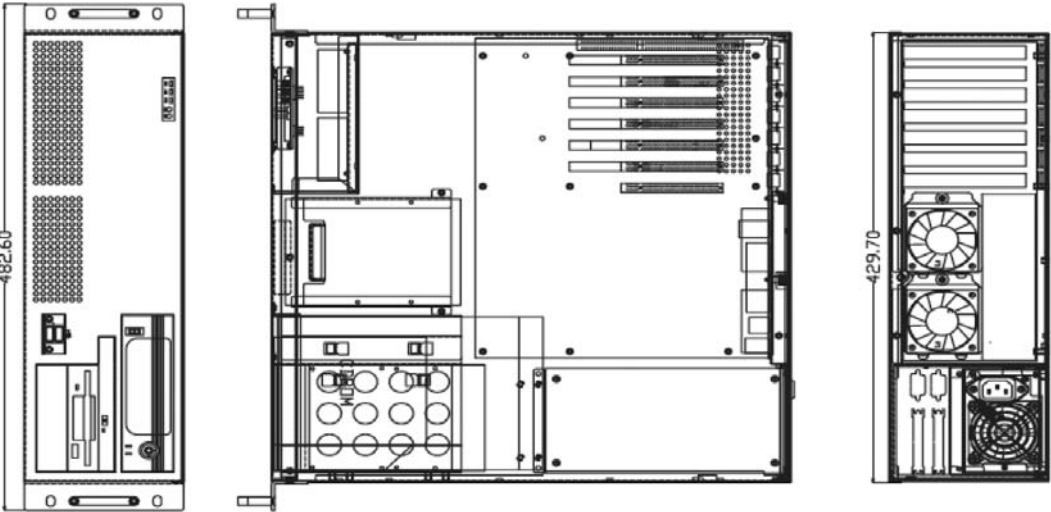
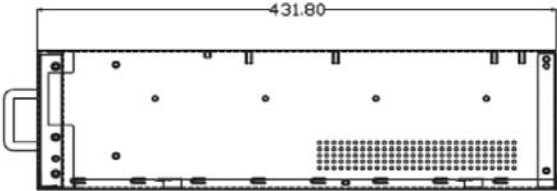
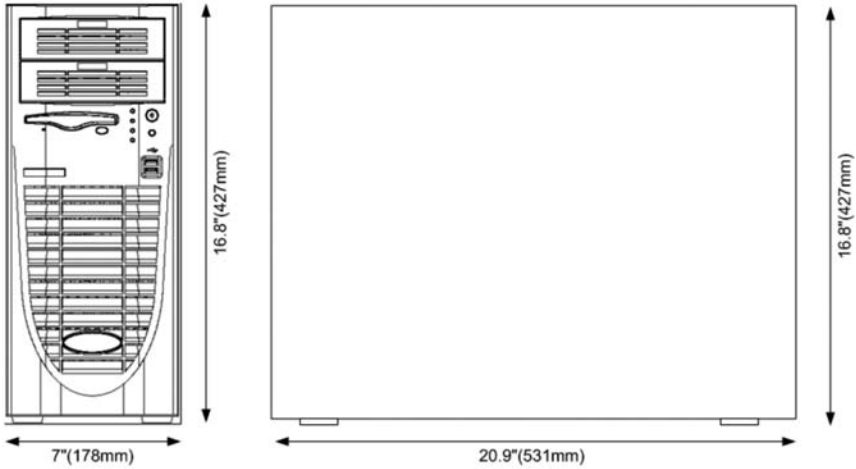
SPECIFICATIONS

Operational	
Motherboard	SuperMicro Intel® Core™ 2 Extreme, Quad and Duo processors in LGA775 Package (FSB 1333/1066/800) Intel® G43 + ICH10 Chipset Up to 4 GB dual channel unbuffered, non-ECC DDR3 1066/1333 SDRAM Realtek RTL8111C Gigabit Ethernet Controller Built-in SATA2 Controller 4x SATA (3 Gbps) 1 (x16) PCI-Express 2.0, 1 (x4) PCI-Express (using x16 slot), 1 (x1) PCI-Express, 4x 32-bit PCI slots Realtek ALC888 HD 7.1 Channel Audio Total 12 USB 2.0 ports 6 rear + 2 on-board + 4 headers, onboard VGA
Operating System	System Windows® WinXP Pro
Processor	2 Monitor: Intel® Core™2 Quad Processor Q8200 (4M Cache, 2.33 GHz, 1333 MHz FSB) 4 monitor: Intel® Core™2 Quad Processor Q9505 (6M Cache, 2.83 GHz, 1333 MHz FSB)
Memory	2 X Kingston DDR3 1066 MHz Non ECC 2GB (4 GB Total) DIMM
Hard Drive	Seagate ES2 250GB 7200RPM 32MB cache near-line RAID edition SATA drive
Optical Drive	Sony 20X DVD-RW black SATA drive, 20X +/-, 8X +RW, 6X -RW, 8X +R DL, 12X -R DL, 2.4X +RW DL, 12X - RAM, with lightscribe
NIC	Intel 82566DM Gigabit Ethernet Controller
Video Card – 2 Monitor Configuration	NVIDIA Quadro NVS 290 x16
Video Card – 4 Monitor Configuration	NVIDIA Quadro NVS 290 x16 NVIDIA Quadro NVS 290 x1

Rear Panel Connections	
Mouse	1 x PS/2
Keyboard	1 x PS/2
USB	6 x Ports
Monitor Output	2 Monitor, 1 x DVS-59 cable to 2 DVI + 2 DVI to VGA adapters 4 Monitor, 2 x DVS-59 cable to 2 DVI + 2 DVI to VGA adapters
Ethernet Port	1 x RJ-45
Audio	1 x 1/8" Audio Line In 1 x 1/8" Microphone In 1 x 1/8" Audio Line Out
Electrical	
Input Voltage	Tower: 100 - 240V, 50-60 Hz Rack Mount: 90-264VAC, 47-63 Hz
Power Consumption	Tower: 465 Watt Rack Mount: 400 Watt
Heat Generated at Maximum Wattage	Tower Max: 1587 Watt Rack Mount Max: 1365 Watt
Mechanical	
3U Rack Mount	
Dimensions (W x H x D)	19" x 17" x 5.25" (482.6 mm x 431.8 mm x 133.35 mm)
Weight	34.0 lb (15.42 kg)
Construction	Inside / Body: Zinc-plated with bright chromate Outside / Front: Texture-coated Front locking Bezel
Tower	
Dimensions (W x H x D)	7" x 16.8" x 20.9" (178 mm x 427 mm x 531 mm)
Weight	39 lbs (17.7 kg)
Construction	Housing: Steel
Environmental	
Temperature	Rack Mount: 0°C (32°F) ~ 35°C (95°F) Tower: 10° - 35°C (50° - 95°F)
Relative Humidity	Rack Mount: 5%~95% non-condensing Tower: 8 - 90% non-condensing

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ORDERING AND SYSTEM DIAGRAM



Ordering	
HEW42M	3U, Single PSU, Enterprise Workstation with 2 monitor connections
HEW44M	3U, Single PSU, Enterprise Workstation with 4 monitor connections
HEW4T2M	Tower, Single PSU Enterprise Workstation with 2 monitor connections
HEW4T4M	Tower, Single PSU Enterprise Workstation with 4 monitor connections

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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