

Enterprise NVR Series Digital Encoders

www.honeywellvideo.com

ENTERPRISE CLASS REAL TIME FULL RESOLUTION MPEG2 VIDEO ENCODERS

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

Honeywell Enterprise NVR Series class MPEG2 8 channel video encoders are offered in a variety of performance levels to meet most applications. MPEG2 video compression provides excellent high quality video and storage. Each video channel is capable of real time MPEG2 encoding at 30fps with full 4CIF resolution. Enterprise encoders also employ Alpha Frame Rate Reduction (AFRR) technology allowing time-lapse video to be recorded with significant storage savings.

The Encoders also feature optional synchronized stereo audio inputs, 8 alarm inputs and outputs, a serial port for PTZ control or other management functions, and rack mountable for ease of installation.

Market Opportunities

The Enterprise NVR Encoder converts analog video signals to digital for transmission over a digital network. The 8 channel encoder is intended to be used exclusively with the Honeywell Enterprise NVR Software.

Features

- Uses Industry Standard MPEG2 Compression
- Capable of 8 non-multiplexed video streams in 4CIF (Based on Encoder Model)
- Capable of 30FPS (True Frames) per channel (Based on Encoder Model)
- Supports Alpha Frame Rate Reduction (AFRR)
- Supports Ethernet Multicasting
- Supports PAL or NTSC cameras
- Supports synchronized audio and video
- 8 Alarm Inputs
- 8 Relay outputs
- 8 channels stereo Audio
- RS232 and RS485 PTZ control port
- Web browser for configuration and video view



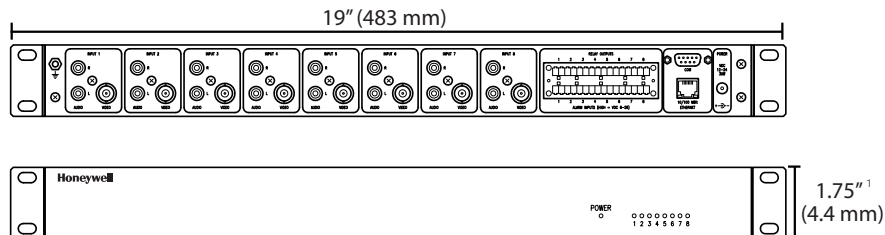
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ORDERING AND SYSTEM DIAGRAM

Operational	
Video Inputs	8 - CVBS with BNC connector and software termination
Audio Inputs	8 - Stereo line/mic in with 2 RCA connectors (R/L)
Alarm Inputs	8 - Opto-coupled inputs, low: 0-2VDC; high: 6-28VDC; isolation: 500VDC
Relay Outputs	8 - max 30 W, max 1 A, 48VDC / 110VAC
Ethernet	10/100 base-T; auto-sensing; half/full duplex; RJ45
Supported Network Protocols	TCP, IP, UDP, RTP, IGMP, ICMP, ARP
Electrical	
Input Voltage	12 VDC/ 24 VAC
Power Consumption	25 W
Power Supply	85-264VAC; 50/60 Hz
Heat Generated at max Wattage	85.3 BTU/hr

Mechanical	
Dimensions (W x H x D) ¹	19" x 1.75" x 7.67" (483 mm x 44 mm x 195 mm)
Weight	6 lbs (2.72 kg)
Construction	Housing: Steel Finish: Powder Coat Black
Environmental	
Temperature	32°F - 104°F (0°C - 40°C)
Relative Humidity	0 - 80%, non-condensing
Regulatory	
Emissions	FCC Class B EN 55103 1997-06 EN 61000-3-2: 2001 DIN EN55103-2: 1997-06 EN 55014-1 EN 55013 EN 55022
Immunity	EN 61000-4-2, -3, -4, -5, -6, -11 EN 61000-2-2:199
Safety	CSA, UL IEC 60065 EN 60950



Ordering	
HE8E	Encoder - 8 channels - 7.5FPS @ CIF - Can be upgraded to increase capabilities.
HE8E4CIF	4CIF - Encoder Upgrade
HE8E2CIF	2CIF - Encoder Upgrade
HE8E30F	30FPS - Encoder Upgrade
HE8E15F	15FPS - Encoder Upgrade
HE8EAUD	Audio - Encoder Upgrade
HE8240E4	Encoder - 8 channels - 30FPS @ 4CIF
HE8240E2	Encoder - 8 channels - 30FPS @ 2CIF - Can be upgraded to increase capabilities.
HE8240E1	Encoder - 8 channels - 30FPS @ CIF - Can be upgraded to increase capabilities.
HE8120E4	Encoder - 8 channels - 15FPS @ 4CIF - Can be upgraded to increase capabilities.
HE8120E2	Encoder - 8 channels - 15FPS @ 2CIF - Can be upgraded to increase capabilities.
HE8120E1	Encoder - 8 channels - 15FPS @ CIF - Can be upgraded to increase capabilities.
HE860E4	Encoder - 8 channels - 7.5FPS @ 4CIF - Can be upgraded to increase capabilities.
HE860E2	Encoder - 8 channels - 7.5FPS @ 2CIF - Can be upgraded to increase capabilities.
HE860E1	Encoder - 8 channels - 7.5FPS @ CIF - Can be upgraded to increase capabilities.
HE130D	1 CHNL MPEG-2/4 ENC/DEC/CODEC
HE130PD	Enterprise Analog decoder, PCI card

¹The height is slightly oversized (up to +0.04 inches over the 1RU spec of 1.75"). This may affect the number of encoders that can be stacked in a standard equipment rack.

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

Honeywell Security & Data Collection

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L/ENVRECD/D
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