

Enterprise NVR Series Digital Encoders

www.honeywellvideo.com

ENTERPRISE CLASS REAL TIME FULL RESOLUTION MPEG4/H.264 VIDEO ENCODERS

Honeywell's Enterprise NVR (Network Video Recorder) 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 MPEG4/H.264 eight channel video encoders are offered as full 30FPS @ 4CIF resolution with ability to scale downwards as desired. The eight channel encoder supports audio, alarm in/out and a serial port for PTZ control redundant network interfaces and power supply provides high availability for mission critical applications.

H.264 main profile interlaced encoding provides higher quality video for scenes with horizontal motion (e.g. pan, zoom) for the same bitrate as compared to progressive encoding.

Adjustable for motion preference or image preference.

Dual streaming capability gives the ability to record and view at different qualities and an Adaptive Noise Reduction Filter (ANRF) automatically adapts itself to the scene and reduce noise coming from the analog signal.

Market Opportunities

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

Features

- Uses MPEG4 or H.264 (main profile) compression
- Capable of eight non-multiplexed video streams in 4CIF
- Capable of 30FPS (True Frames) per channel
- Dual power supply option and dual NIC
- Supports Ethernet Multicasting
- Supports PAL or NTSC cameras
- Supports synchronized audio and video
- Eight Alarm Inputs
- Eight Relay outputs
- Eight Audio channels
- RS232 and RS485 PTZ control port
- Management application for configuration



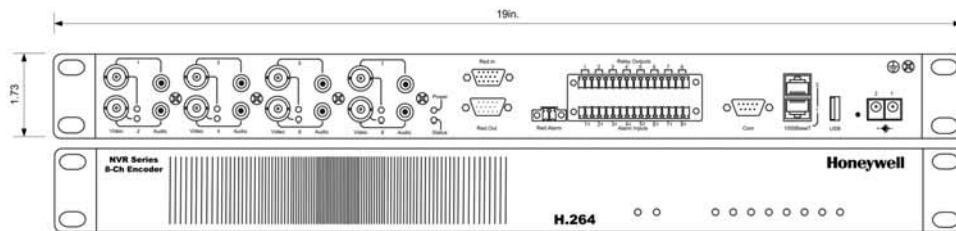
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ORDERING AND SYSTEM DIAGRAM

Operational	
Video Inputs	8 - CVBS with BNC connector and software termination 4CIF@30fps and dual streaming support
Audio Inputs	8x Audio mono with RCA connectors, -21.78 dBu to 2.22 dBu or 63.1 mV to 1 V (V(rms) relating to -1dB FS)
Alarm Inputs	8x Trigger input with sabotage protection
Relay Outputs	8x Relays outputs max. 30W, 1A, 110VDC / 110VAC
Ethernet	2x Ethernet 10/100/1000 Base-T; auto sensing; half/ full duplex; RJ-45
Supported Network Protocols	TCP, IP, UDP, RTP, IGMP, ICMP, ARP
Serial port	1x Serial port RS-232/422/485, D-Sub 9P male, software switchable between 232/422/485
Electrical	
Input Voltage	12-24 V DC
Power Consumption	30 W
Power Supply	90-264V AC 50/60Hz

Mechanical	
Dimensions (W x H x D)*	17.32" x 1.75" x 8.03" (440 mm x 44 mm x 204 mm)
Weight	6 lbs (2.72 kg)
Construction	Housing: Steel Finish: Powder Coat Black
Environmental	
Temperature	32°F - 122°F (0°C - 50°C)
Relative Humidity	20-80% non-condensing
Regulatory	
Emissions	FCC Class B EN 61000-3-2: 00 55024:98 EN 55022
Immunity	EN61000- 3-3:95+A1(01)+A2(03)
Safety	UL 60950-1:03(III) EN 60950



Ordering	
HE8ENAUD	Audio - Encoder Upgrade (Requires 1 per audio channel)
HE8N240E4	MPEG4 or H.264 (H.264 requires Alpha software 5.87 and higher)
HE130D	1 CHNL MPEG-2/4 ENC/DEC/CODEC

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

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