

HNVE130A

SINGLE CHANNEL NETWORK VIDEO ENCODER

Honeywell's single channel network video encoder (HNVE130A) is the ideal real-time high resolution digital encoder for upgrading existing analog video systems to a networked IP video solution.

The HNVE130A is an integral component to Honeywell's DVM (Digital Video Manager). The encoder will convert an analog video signal into a digital format and send this data to a DVM workstation for live viewing or to a server for recording. The HNVE130A will also support signals from both fixed and Pan/Tilt/Zoom (PTZ) cameras with control. The digital formats available include M-JPEG, MPEG, MPEG-2 and MPEG-4. Customizable performance of the encoder includes frame rate, resolution, and compression levels that can be dynamically configured to meet any system requirements.

Market Opportunities

The HNVE130A is a cost effective way to leverage an existing investment in analog video equipment while upgrading an overall video surveillance system to a networked IP solution. For new video installations, the encoder will allow network video systems to be designed with the user's choice of analog cameras that fit the performance needs of the application. The single channel design of the encoder with a rack mount accessory also makes it perfect for remote applications or centralized video control rooms.

Features

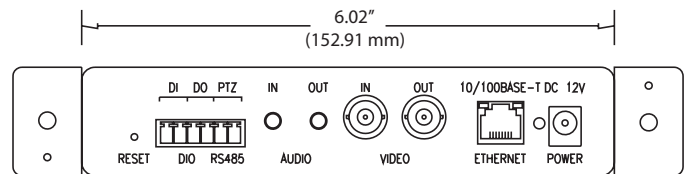
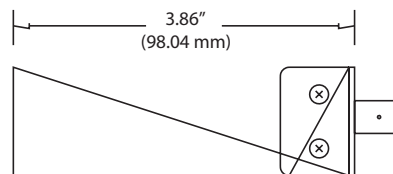
- Single channel network video encoder
- Supports NTSC or PAL video sources
- Real-time encoding 25 / 30 FPS (PAL / NTSC) at 4CIF or D1 Resolution
- Supports M-JPEG, MPEG, MPEG-2, MPEG-4
- PTZ camera control
- Built in HTTP Web server for configuration
- Supports static IP and DHCP



SPECIFICATIONS

Operational		
	NTSC	PAL
Video Format	D1: 720 x 480 4CIF: 704 x 480 VGA: 640 x 480 CIF: 352 x 240 QVGA: 320 x 240 QCIF: 176 x 112 QQVGA: 160 x 112	D1: 720 x 578 4CIF: 704 x 576 VGA: 640 x 480 CIF: 352 x 288 QVGA: 320 x 240 QCIF: 176 x 144 QQVGA: 160 x 112
Compression Algorithm	MPEG-1, MPEG-2 MP @ML, MPEG-4 SP (I, IP only), DivX 5.0 (I, IP, IPB) JPEG: NTSC: 1-30, PAL: 1-25	
Bit Rate Mode	Constant or Variable	
Data Bit Rates	128 Kbps – 4 Mbps	
Recording Rates	NTSC: 1-30 FPS @ D1 or 4CIF PAL: 1-25 FPS @ D1 or 4CIF	
GOP Size	3,15, 30, 60, 90	
On Screen Display	Optional Logo, Date, Time, Camera name overlaid onto image	
Software	Configuration and Auto device discovery	
Video Input	1.0 Vp-p @ 75 Ohms	
Video Output	1.0 Vp-p @ 75 Ohms	
Audio Input/Output	Mini stereo plug	
Digital I/O	Contact closure input/output with removal terminal block connector	
Serial Port	RS485 via removable terminal block	
Networking	Static and DHCP 10/100 BaseT Ethernet Standard RJ-45 Interface	

Electrical	
Input Voltage	110-240 VAC, 50-60 Hz, 0.5A
Power Consumption	6 W
Power Supply	External 12 VDC @ 0.5 A 2.1 mm barrel plug
Mechanical	
Dimensions (W x H x D)	6.02" x 1.22" x 3.86" (153 mm x 31 mm x 98 mm)
Weight	11.18 oz (0.316 kg)
Construction	Housing: Aluminum Finish: Black matte
Environmental	
Temperature	Operating: 32° to 122°F (0°C to 50 °C)
Relative Humidity	0-80%, non-condensing
Regulatory	
Emissions	FCC Part 15, Subpart B, Class A
Immunity	CE EN 55022, EN 50130-4
Safety	C-Tick



Ordering	
HNVE130A	Single Channel Network Video Encoder NTSC
HNVE130AX	Single Channel Network Video Encoder PAL

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

Honeywell Security

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