

## HNVE1

### SINGLE CHANNEL NETWORK ENCODER

Honeywell's HNVE1 single channel network video encoder is the ideal real-time high resolution digital encoder for upgrading existing analog video systems to a networked IP video solution.

The HNVE1 converts an analog video signal into a digital format and sends the data to a DVR or NVR for recording. The HNVE1 will also support signals from both fixed and PTZ cameras. The video is encoded into MPEG-4 digital format. Customizable performance of the encoder includes frame rate, resolution, and compression levels that can be dynamically configured to meet system requirements.

#### Market Opportunities

The HNVE1 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.

#### Features

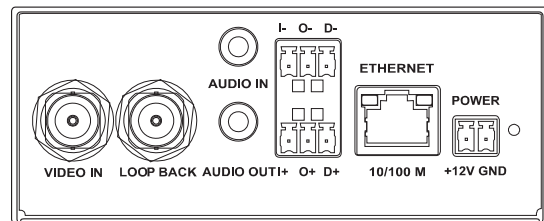
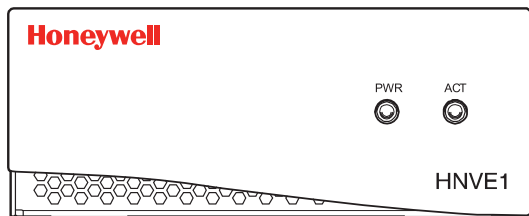
- Single channel network video encoder
- Supports NTSC or PAL video sources
- Real-time encoding 25/30 fps (PAL/NTSC) at 4CIF
- Supports MPEG-4
- PTZ camera control
- 2 way audio
- One alarm input, one alarm output
- Analog video loopback
- Built-in web server for configuration
- Supports static IP and DHCP
- PoE device (802.3af compliant)



## SPECIFICATIONS

Operational		
Video Standard	NTSC	PAL
Video Format	4CIF: 704 x 480 2CIF: 704 x 240 CIF: 352 x 240	4CIF: 704 x 576 2CIF: 704 x 288 CIF: 352 x 288
Video Input	1.0 Vp-p @ 75 Ohms	
Video Input (loopback)	1.0 Vp-p @ 75 Ohms	
Video Compression	MPEG-4 Bit Rate Priority Quality Priority	
Frame Rate (fps)	1-30	1-25
GOP Size	1-100 (default 30)	
Networking	10/100 Base-T Ethernet RJ-45 Interface Static and DHCP IP address assignment	
Serial Communication	RS485, 2 wire PTZ communication	
PTZ Functionality/ Protocols Supported	Pelco P, Pelco D, Diamond, IntelliBus™, VCL, MAXPRO-Net Presets, Preset Tour, Mimic Tour	
Device Configuration	Via browser (Internet Explorer) based Active X control	
Device Discovery	With supplied IP Utility	
Device Firmware Upgrade	Support for firmware updates using IP Utility	
Electrical		
External	100~240 VAC/50~60 Hz	
Power Options	12 VDC and PoE	
Power Consumption	0.5A @ 12V DC, POE 802.3 af compliant	
Audio		
Compression	Linear PCM	
Quantization	8 bit	
SNR (signal-to-noise)	55 dB	

Mechanical	
Dimensions (l x w x h)	5.5" x 4.25" x 1.75" 139.7 mm x 107.95 mm x 44.45 mm
Unit Weight	2.2 lb (0.99 kg)
Package Dimensions (l x w x h)	7" x 6" x 4.5" 177.8 mm x 152.4 mm x 114.3 mm
Chassis Material	Metal, painted
Connectors	PTZ Control RS485 Audio In/Out Alarm In/Out BNC Video In/Out RJ-45 Ethernet Power plug
Video Analytics	Video Blurring Notification Camera Blinding Camera Field of View Change
Alarms	One alarm input One alarm output
Regulatory	
Emissions	FCC Part 15
Immunity	CE EN 55022, EN 55024, EN 60950
RoHS	RoHS Directive 2002/95/EC
Environmental	
Operating Temperature	32°F ~ 104°F (0°C ~ 45°C)
Operating Relative Humidity	93%



Ordering	
HNVE1	Single Channel Network Encoder

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

### Automation and Control Solutions

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