

## 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 analogue video systems to a networked IP video solution.

The HNVE1 converts an analogue 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. Customisable 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 analogue 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 analogue 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 fps (PAL) at 4CIF
- Supports MPEG-4
- PTZ camera control
- 2 way audio
- One alarm input, one alarm output
- Analogue video loopback
- Built-in web server for configuration
- Supports static IP and DHCP
- PoE device (802.3af compliant)

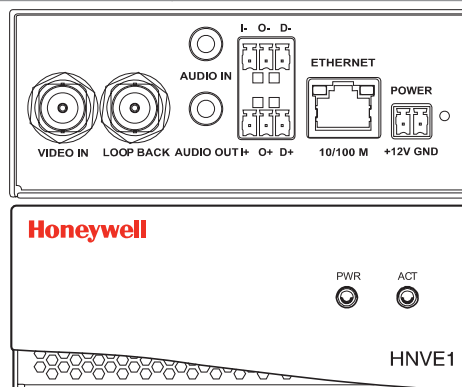


# HNVE1

## SPECIFICATIONS

Operational	
Video Standard	PAL
Video Format	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)	1-25
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
Quantisation	8 bit
SNR (signal-to-noise)	55 dB

Mechanical	
Dimensions (l x w x h)	139.7 mm x 107.95 mm x 44.45 mm
Unit Weight	0.99 kg
Package Dimensions (l x w x h)	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	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.

### For additional information,

please visit [www.honeywell.com/security/uk](http://www.honeywell.com/security/uk)

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