

HNVE130A

www.honeywellvideo.com

SINGLE CHANNEL NETWORK VIDEO ENCODER

Honeywell's 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 Enterprise Digital Video Manager (DVM). The encoder will convert an analog video signal into a digital format and send this data to a DVM workstation for live viewing or 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 MJPEG, MPEG, MPEG2, and MPEG4. 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 existing investment in analog video equipment while upgrading 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 users choice of analog cameras that fit the performance needs of the application. The single channel design of the encoder with a rackmount accessory also makes it perfect for remote applications or centralized video control rooms.

Features

- Single Channel Network Video Encoder
- Supports NTSC & PAL Video Sources
- Real-Time Encoding 25 / 30FPS (PAL / NTSC) at 4CIF or D1 Resolution
- Supports MJPEG, MPEG1, MPEG2, MPEG4
- PTZ Camera Control
- Built in HTTP Web server for Configuration
- Supports Static IP and DHCP

Front View



Rear View



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SPECIFICATIONS

Technical		
Input Signal Format	NTSC or PAL	
MPEG compression	MPEG1, MPEG2 MP @ML, MPEG4 SP (I, IP only), DivX 5.0 (I, IP, IPB)	
Frame Rates (FPS)	PAL: 1-25 , NTSC: 1-30	
GOP Size	3,15, 30, 60, 90	
Bit Rate Mode	Constant or Variable	
Data Bit Rates	128Kbps - 4Mbps	
JPEG compression	PAL: 1-25 , NTSC: 1-30	
Video Resolution	NTSC	PAL
	D1: 720 x 480	D1: 720x578
	4CIF: 704x480	4CIF: 704x576
	VGA: 640x480	VGA: 640x480
	CIF: 352x240	CIF: 352x288
	QVGA: 320x240	QVGA: 320x240
	QCIF: 176x112	QCIF: 176x144
	QQVGA: 160x112	QQVGA: 160x112
Networking	Static and DHCP 10/100 BaseT Ethernet	
Software	Configuration and Auto device discovery	
Serial Communication	RS-485 via removable terminal block PTZ communication	
Digital I/O	Contact closure input/output with removal terminal block connector	
On Screen Display	Optional Logo, Date, Time, Camera Name overlaid onto image	
Physical (WxHxD)	153mm x 31mm x 98mm	
Chassis Material	Aluminum	
Power	external 12 Vdc @ 0.5 A 2.1mm barrel plug Average Power Consumption 6 Watts Input Power 110 -240VAC, 50 -60Hz, 0.5A	
Certifications	FCC Part 15 subpart B, Class A CE EN 55022, EN 50130-4 C-Tick	
Physical Connectors	Digital I/O RS485 Audio In/Out mini stereo plug BNC Video In and Out RJ45 Ethernet 2.1mm barrel power plug	
Operating Temperature and Humidity	0 - 50 °C, 0 - 80%	

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

Honeywell Security

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