

Network Video Encoder and Decoder **IEN-10/IDE-10**



The IEN-10 and IDE-10 are High Quality Network Video Encoder and Decoder and utilize H.264 Video Compression and Analog and Embedded Audio Compression. The IEN-10 has a built-in Motion Detection featuring that it doesn't influence the sway of the leaf easily.

■Features

●IEN-10 Encoder

VBS 1.0Vp-p can be input.

H.264 or JPEG Video Compression.

ADPCM 32Kbps Audio Compression.

Constant Bit Rate (CBR) or Variable Bit Rate (VBR).

Image Size/Frame Rate/Bit Rate can be optimized.

Privacy Mask Function.

Motion Detection Function (Indoor/Outdoor use)

SD Card Access to store the Video.

AC24V/DC12V/PoE Power Requirements.

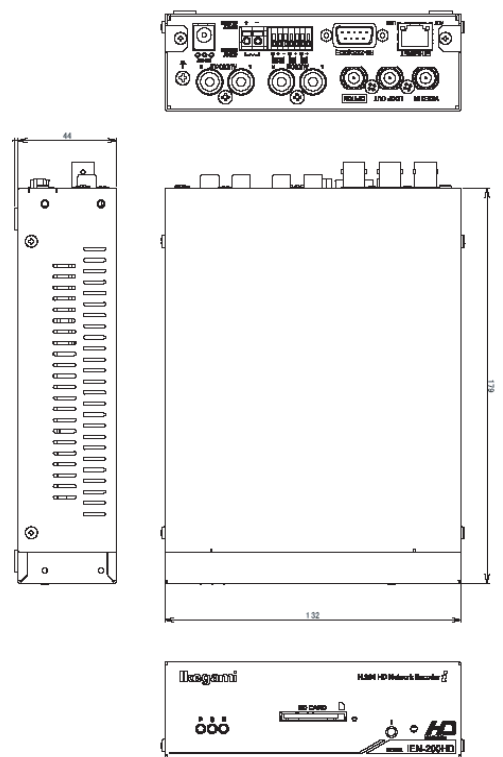
●IDE-200HD Decoder

H/264 Video Compression.

ADPCM 32Kbps Audio Compression.

AC24V/DC12V/PoE Power Requirements

■Appearance



IEN-10/IDE-10 Network Video Encoder and Decoder

■ Specifications

	IEN-10	IDE-10	Remarks
Description:	Encoder	Decoder	
Video Input:	VBS 1.0Vp-p 75ohms Unbalanced	Compressed Video	
Video Output:	Compressed Video	VBS 1.0Vp-p 75ohms Unbalanced	
Video Compression:	H.264 and JPEG	H.264	
Video Setting:			
Video Compression:	H.264 or JPEG	Video set by IP Camera or IEN-10	
Transmission Mode:	CBR or VBR		
Image Size:	720 x 480, 640 x 480, 320 x 240, 160 x 120		
Frame Rate:	7 Steps (30/15/10/5/3/2/1fps)		
Bit Rate (H.264 only):	64Kbps to 8Mbps		
Image Quality (JPEG only)	5 Steps		
Audio I/O:			
Analog I/O:	Monoral both ways:		
	Line Input -10dBV 10kohm		Unbalanced
	Line Output - 10dBV 600pohm		Unbalanced
Audio Compression:	ADPCM 32Kbps		
Privacy Mask Function:	Max 8 Locatoins		
Motion Detection Function:	Outdoor Usage & Mask Setting		
Video Storage:	Optional SD Card needed.		
Protocol:	TCP, UDP, RTP/RTCP, RTSP,HTTP, FTP, DHCP, DNS, NTP		
Monitoring:	Ikegami Viewing Software		
Network:	Ethernet 10Base-T/100Base-T		
Serial Control:	RS-232C or RS-485		
I/O Terminal:	Input: Non-Voltage Contact, Output: Open Collector Max24V, 50mA		
Power Requirements:	AC24V +/-10% 50/60Hz, DC12V (10.5V ~ 15V), PoE (IEEE802.3af)		
Power Consumption:	Approx 4W		
Operating Temperature:	-10 to +50 Degree C		
Operating Humidity:	Within 30 to 85% RH		
External Dimensions:	132(W) x 44(H) x 180(D) mm	132(W) x 44(H) x 179(D)mm	
Weight:	Approx 880g		
I/O Connectors:	LAN: RJ-45 (Auto MDI/MDIX)		
	VBS IN/OUT: BNC		
	Audio IN/OUT: RCA L/R each 1		
	AC24V/DC12V: 2P Push In Terminal		
	DC12V: Jack for AC Adaptor		
	I/O Terminal: 4P Push In Terminal		
	RS-232C: 9P D-SUB (Male)		
	RS-485: 3P Push In Terminal		
	SD Card Memory Slot: Full Size		
Standard Accessories:	Operation Manual, Feet, AC Adaptor		

Design and specifications are subject to change without notice.

Ikegami **IKEGAMI ELECTRONICS (U.S.A.), INC.**

URL <http://www.ikegami.com>

Hearquaters: 37 Brook Avenue, Maywood, NJ 07607 Phone (201)368-9171 Fax (201)569-1626
 Westcoast Office: Phone (310)297-1900
 Southwest Office: Phone (972)869-2363
 Midwest Office: Phone (614)834-1350
 Southeast Office: Phone (954)735-220337