

Ikegami

HDTV/SDTV Network Video Encoder and Decoder

IEN-200HD/IDE-200HD



The IEN-200HD and IDE-200HD are HDTV/SDTV Network Video Encoder and Decoder and utilize H.264 Video Compression and Analog and Embedded Audio Compression. The IEN-200HD accepts HD-SDI or SD-SDI Video which is 1080i(50/59.94), 720p(50/59.94), 480i(59.94) or 575i(50).

■Features

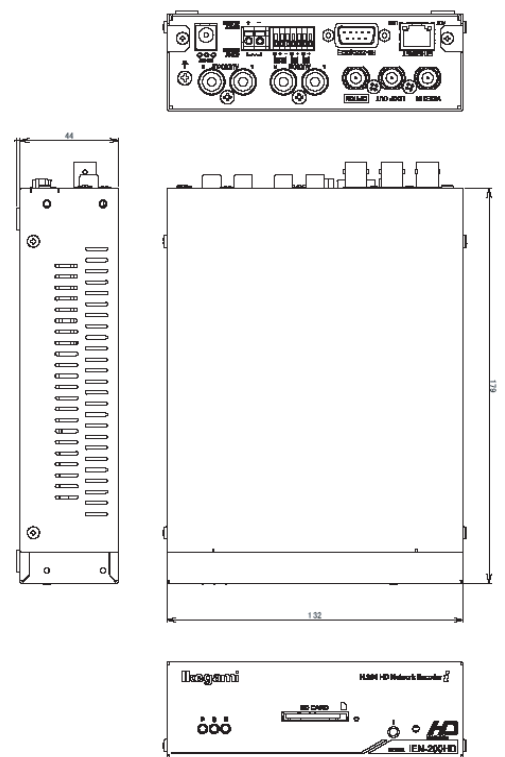
●IEN-200HD Encoder

- HD-SDI or SD-SDI can be detected automatically.
- H.264 or JPEG Video Compression.
- AAC-LC 64Kbps Audio Compression.
- Constant Bit Rate (CBR) or Variable Bit Rate (VBR).
- Image Size/Frame Rate/Bit Rate can be optimized.
- Privacy Mask Function.
- SD Card Access to store the Video.
- AC24V/DC12V/PoE Power Requirements.

●IDE-200HD Decoder

- H/264 Video Compression.
- AAC-LC 64Kbps Audio Compression.
- AC24V/DC12V/PoE Power Requirements

■Appearance



IEN-200HD/IDE-200HD Full HDTV Encoder and Decoder

■ Specifications

	IEN-200HD	IDE-200HD	Remarks
Description:	Encoder	Decoder	
Video Inputs:	HDSDI (SMPTE 292M) 0.8Vp-p	Compressed Video (Video set by IP Camera or IEN-200HD)	
	1080i (50/59.94Hz)		
	720p (50/59.94Hz)		
	SDSDI (SMPTE 259M) 0.8Vp-p		
	480i (59.94Hz)		
	575i (50Hz)		
	Auto-Selection		
Video Outputs:	Compressed Video	HDSDI (SMPTE 292M) 0.8Vp-p	
		1080i (50/59.94Hz)	
		720p (50/59.94Hz)	
		SDSDI (SMPTE 259M) 0.8Vp-p	
		480i (59.94Hz)	
	575i (50Hz)		
	Auto-Selection		
Video Compression:	H.264 and JPEG	H.264	
Video Setting:			
Video Compression:	H.264 or JPEG	Video set by IP Camera or IEN-200HD	
Transmission Mode:	CBR or VBR		
Image Size:	1920x1080, 1280x720, 720x480, 720x575		
Frame Rate:	7 Steps, 1080i/60		
	Max 30fps 1080i/50 Max		
Bit Rate (H.264 only):	512Kbps to 12Mbps		
Image Quality (JPEG only)	5 Steps		
Audio I/O:			
Analog I/O:	Stereo both ways:		
	Line Input -10dBV 10kohm		Unbalanced
	Line Output - 10dBV 600ohm		Unbalanced
Digital Input:	Embedded Audio 2ch:		
	SMPTE 299M, 272M		
Audio Compression:	AAC-LC 64Kbps		
Privacy Mask Function:	Max 8 Locatoins		
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 5W		
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)		
	SDI 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.**

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