

# H.264 ENCODER HU-200EI H.264 DECODER HU-200DI Ultra Low Delay HD Codec



HU-200EI/DI is an Ultra Low Delay HD Codec featuring the network video transmission that utilizes technology conforming to H.264/MPEG-4 AVC (High4:2:2 profile). Delay time is 8ms\* (< 1 field process time), making it suitable for real-time video relay systems (Sports, Information, Camera, etc). HU-200EI/DI is realized high quality HD ultra low delay video IP Network transmission and DVB-ASI system solutions.

## Feature

- Compact Ultra Low Delay 1080i HD codec (8ms\*)
- H.264/MPEG-4 AVC High Quality HD video coding
- 4:2:2 chroma resolution, 10bit pixel depth
- High TS bit rate up to 200Mbps for broadcast studio camera quality
- Gigabit Ethernet with Pro-MPEG FEC

\* 59.94Hz field rate and DVB-ASI out mode

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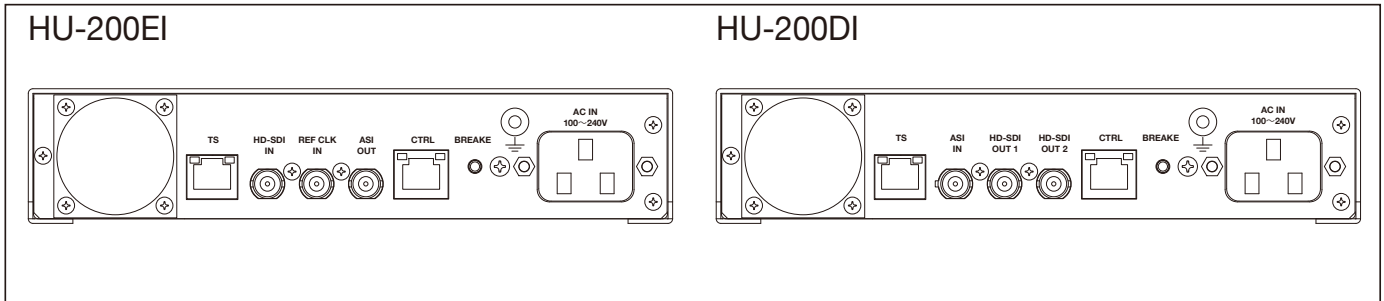
Please see specification and contact list on back side.

## Preliminary Specification

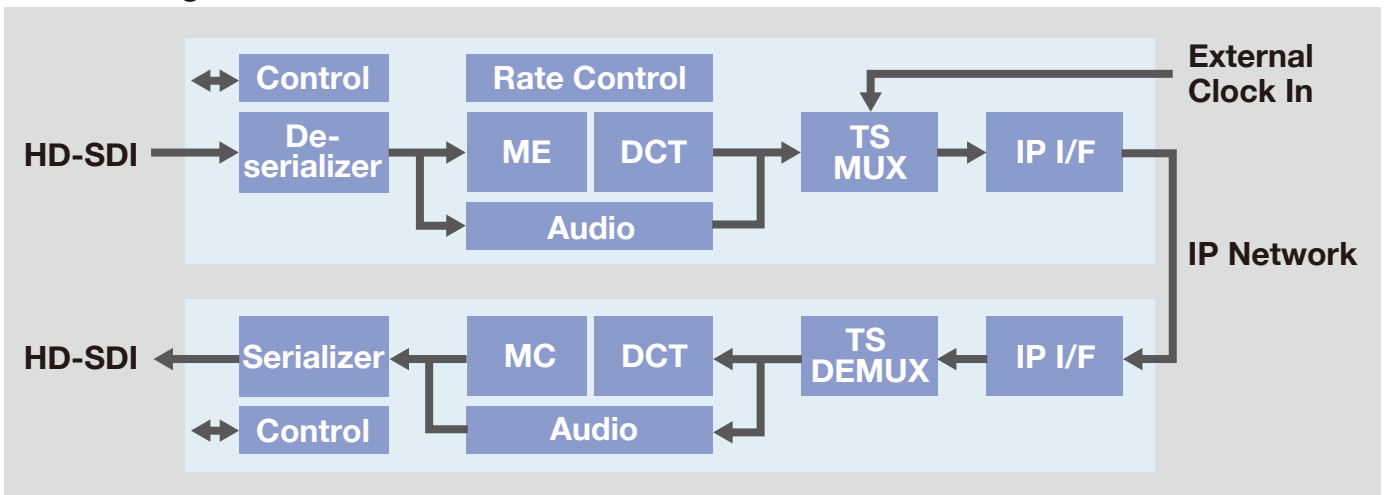
Video Input / Output	HD-SDI (1080i 59.94/50)
Video Coding	H.264/MPEG-4 AVC High 4:2:2 profile
Chroma resolution	4:2:2
Pixel Depth	10bit
Delay time	8ms*1 / 10ms*2 ; less than half field period
Audio Input/Output	SMPTE299M(Embedded Audio) ; up to 4 stereo channels
Audio Coding	SMPTE302M (Linear PCM)
Stream Output/Input	MPEG-2 Transport Stream over RTP/UDP/IP - Gigabit Ether ports (100/1000 BASE-T connectors) MPEG-2 Transport Stream over DVB-ASI
TS Bit Rates	25~200Mbps (Internal Setting/External Clock to Encoder)
Network Function	ProMPEG-FEC, SNMPv2 Control I/F (10/100 BASE-T connectors)
Operating Temperature	-10°C to +50°C
Dimensions (W x H x D)	8.3"x1.6"x11.0" (210 x 40x 280 mm)
Power	AC 100V~240V
Power Consumption	HU-200EI: 25W/HU-200DI: 20W

\*1 59.94Hz field rate and DVB-ASI out mode, \*2 50Hz field rate and DVB-ASI out mode

## Rear View



## Block Diagram



**CAUTION** : To ensure safe operation, please read the instruction manual before using this product.

These Specifications are subject to change without notice.

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