

PRODUCT MODEL NUMBER: TL-9224HS ENCODER



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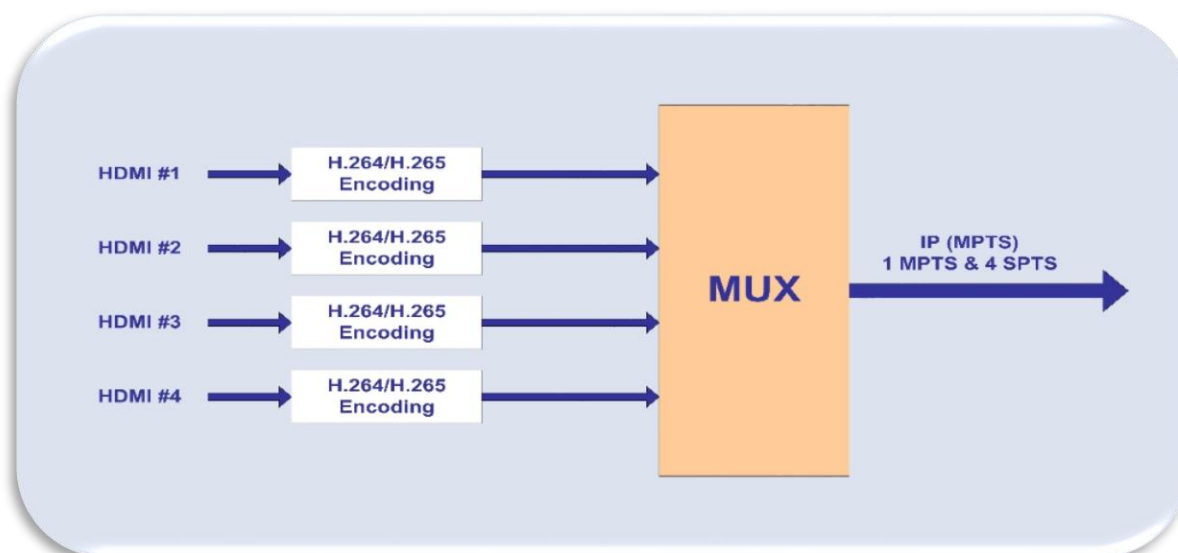
PRODUCT OVERVIEW

TL-9224HS 12-Channel HDMI to IP Encoder: - TL-9224HS Encoder is a professional HD audio & video encoding and multiplexing device. It has 4/8/12 HDMI video input interfaces and supports HEVC/H.265 & MPEG 4 AVC/H.264 AVC video encoding and MPEG 1 Layer 2, LC-AAC, HE-AAC, HE-AAC V2 audio encoding and AC3 passthrough.

KEY FEATURES

- Video Encoding: HEVC/H.265 & MPEG4 AVC/H.264
- Audio Encoding: MPEG-1 Layer 2, LC-AAC, HE-AAC, HE-AAC V2, AC3
Passthrough
- Ultra-low Bit Rate: Save 75% Bandwidth
- Enhanced Picture Quality: Advanced Compression Algorithm
- Advanced Pretreatment: De-interlacing, Noise Reduction, Sharpening
- OSD (Logo, QR Code) Insertion: Option as per order
- 1 MPTS and 4 SPTS output over UDP/RTP/RTSP per module
- Sampling rate: 48KHz
- Audio Gain: 0~255
- Dimensions: 482mm×328mm×44mm
- Supports De-interlacing, Noise Reduction, Sharpening
- Web-based NMS management

PRINCIPLE CHART



SPECIFICATIONS

Input	
4/8/12×HDMI(1.4) input for option, HDCP 1.4	
Video Encoding	
Encoding Format	HEVC/ H.265 , MPEG 4 AVC/H.264
Resolution	Input: 1920×1080_60P, 1920×1080_50P, 1920×1080_59.94P, 1920×1080_60i, 1920×1080_50i, 1920×1080_59.94i, 1280×720_60P, 1280×720_59.94P, 1280×720_50P Output: 1920×1080_60P , 1920×1080_50P, 1920×1080_30P, 1920×1080_25P, 1280×720_60P, 1280×720_50P
Chroma	4:2:0
Bitrate (per channel)	1Mbps~15Mbps (each channel)
Rate Control	CBR/VBR
GOP Structure	IP, IBBP, IBBBP
Advanced Pretreatment	Noise reduction

Audio Encoding	
Encoding Format	MPEG-1 Layer 2, LC-AAC, HE-AAC, HE-AAC V2, AC3 Passthrough (optional)
Sampling rate	48KHz
Bit-rate (each channel)	48Kbps~384Kbps (MPEG-1 Layer 2 & LC-AAC) 24 Kbps~128 Kbps (HE-AAC) 18 Kbps~56 Kbps (HE-AAC V2)
Audio Gain	0~255
Stream Output	
1 MPTS and 4 SPTS output over UDP/RTP/RTSP per module, Base-T Ethernet interface (1000M/100M self-adaption) (unicast/ multicast) IP null packet filter	
Miscellaneous	
Dimension (W× L× H)	482mm×328mm×44mm
Approx weight	5kg
Temperature	0~45°C(work), -20~80°C (Storage)
Power	AC 100V-220V±10%, 50/60Hz

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