

FMUSER FBE208 8Way HDMI to IP Encoder



Overview:

FMUSER FBE208 8Way HDMI to IP Encoder is a professional encoding device that supports IP broadcasting, update from FMUSER FBE208 8Way HDMI to IP Encoder. It features 8/16/24 HD channels input with MPEG-4 AVC/H.264 video encoding and LC-AAC or HE-AAC audio encoding, making it suitable for a wide range of applications. The device can receive signals from a variety of sources, including STB, PC, TV, and more, and can transfer live programs over the internet/LAN. It can output IP signals over UDP (Unicast/Multicast), SRT, RTSP, RTMP, HTTP, and HLS, allowing users to receive the signals on their PC, phone, and other mobile terminals. With the FMUSER FBE208 8Way HDMI to IP Encoder, users can access their IP STB, PC, or TV

from anywhere to watch their programs. Also suitable Cable digital TV adjacent frequency front-end system, hotel IPTV network TV system and hotel satellite digital TV system.

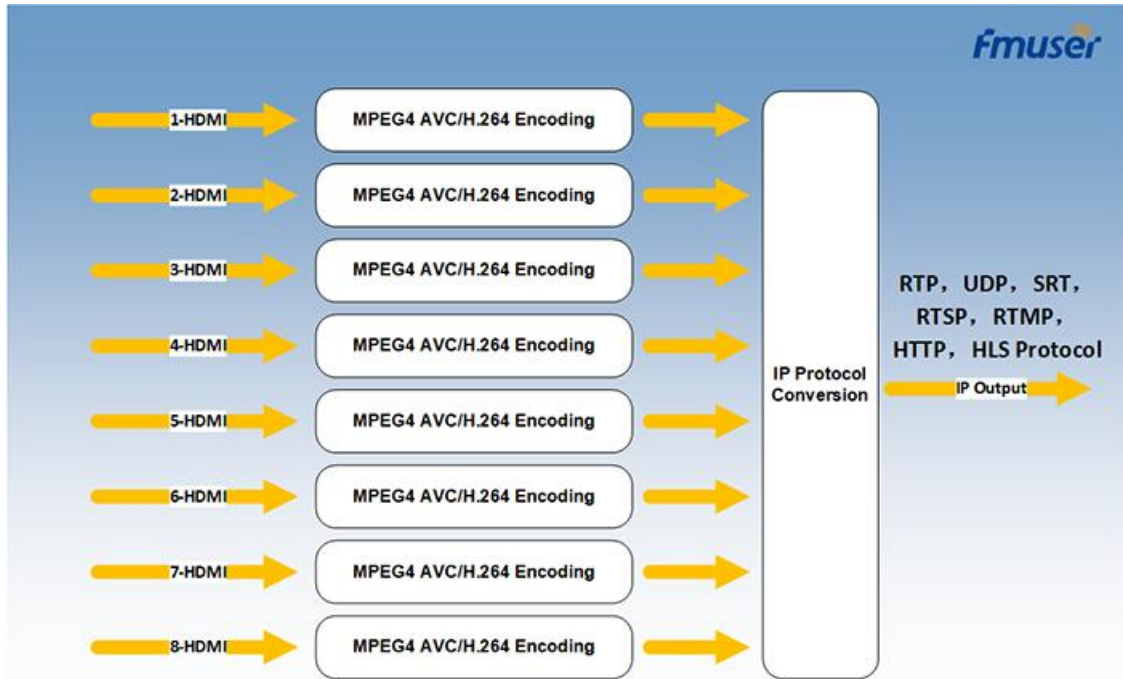
Features:

- FMUSER FBE208 8Way HDMI to IP Encoder supports MPEG4 AVC/H.264 video encoding format, which ensures high video quality even at lower bitrates, making it suitable for a wide range of applications.
- FMUSER FBE208 8Way HDMI to IP Encoder also supports MPEG1 Layer II, LC-AAC, and HE-AAC audio encoding formats, as well as AC3 Pass Through and audio gain adjustment, allowing users to fine-tune the audio output to their specific requirements.
- FMUSER FBE208 8Way HDMI to IP Encoder supports IP output over UDP and RTP/RTSP protocol, which enables easy integration with existing digital distribution systems.
- FMUSER FBE208 8Way HDMI to IP Encoder supports QR code, LOGO, and caption insertion in multiple languages, making it suitable for use in a wide range of applications around the world.
- **New update feature:** IP output over UDP, RTP, RTSP, RTMP, HTTP, HLS, and SRT protocols (**Only support STPS, NO MPTS**), making it compatible with a wide range of digital distribution systems. Additionally,
- **New update feature:** FMUSER FBE208 8Way HDMI to IP Encoder supports OSD (On-Screen Display) functionality, allowing users to insert images, QR codes, text,

and other visual elements into each encoded video stream. This feature provides users with greater flexibility and control over their digital content, enabling them to customize their programs and better engage with their audience.

- The device features a "Null PKT Filter" function, which ensures that only valid data is transmitted, reducing network traffic and improving overall system performance.
- Null PKT Filter is a data filtering function that can filter out invalid data packets in transmission. In digital distribution systems, the reliability and efficiency of data transmission is very important. If invalid packets are transmitted, they can consume network bandwidth and affect overall system performance. Use the Null PKT Filter function to filter out these invalid data packets, reduce network traffic, and improve system transmission efficiency and performance. Therefore, the Null PKT Filter function of the FMUSER FBE208 8Way HDMI to IP Encoder can ensure data reliability and system efficiency
- FMUSER FBE208 8Way HDMI to IP Encoder can be controlled via web management, with easy updates via web, allowing users to configure the device to meet their specific requirements quickly and easily.

Chart of Per Module Principle:



Specification:

Input	8/16/24 HD inputs		
Video	Resolution	input	1920×1080_60P, 1920×1080_60i, 1920×1080_50P, 1920×1080_50i, 1280×720_60P, 1280×720_50P, 720 x 576_50i,720 x 480_60i
		Output	1920×1080_30P, 1920×1080_25P, 1280×720_30P, 1280×720_25P, 720 x 576_25P, 720 x 480_30P
	Encoding	MPEG-4 AVC/H.264	
	Bit-rate	1~20Mbps each channel	

	Rate Control	CBR/VBR
	GOP Structure	IP..P (P Frame adjustment, without B Frame)
Audio	Encoding	MPEG-1 Layer 2, LC-AAC, HE-AAC and AC3 Pass through
	Sampling rate	48KHz
	Resolution	24-bit
	Audio Gain	0-255 Adjustable
	MPEG-1 Layer 2 Bit-rate	48/56/64/80/96/112/128/160/192/224/256/320/384 kbps
	LC-AAC Bit-rate	48/56/64/80/96/112/128/160/192/224/256/320/384 kbps
	HE-AAC Bit-rate	48/56/64/80/96/112/128 kbps
Stream output	IP out over UDP (Unicast/Multicast),SRT, RTP,RTSP, RTMP, HTTP, HLS (RJ45, 1000M) (8 HD inputs with 8 SPTS for each encoder board)	
System function	Network management(WEB)	
	Chinese and English language	
	Ethernet software upgrade	
Miscellaneous	Dimension (W×L×H)	482mm×328mm×44mm
	Environment	0~45°C(work); -20~80°C (Storage)
	Power requirements	AC 110V ± 10%, 50/60Hz, AC 220 ± 10%, 50/60Hz