

# **EH840U Dual Ethernet 8 channel HDMI Encoder**



# Product Description

- 1) 8-channel HD HDMI input, 8-channel audio input.
- 2) Dual streams output H.264 AVC format, Audio: MP3, AAC, G.711 format.
- 3) Configuration could be freely adjusted according to the need.
- 4) Support HTTP / RTSP / RTP/ TCP / RTMP / UDP / ONVIF/HLS protocols.
- 5) Dual ethernet port :data port and network management port.
- 6) Red indicator: power. Yellow: Streaming status. Green: Network

## Key features

1. Resolution:1920x1080p/1920x1080i/1280x720p/720\*576i/720\*576p/640\*480i (customization available)
2. Support RTSP/ TCP/ RTMP/ HTTP/ ONVIF/ UDP/HLS unicast and multicast protocol
3. Support Main TS stream and the sub TS stream use in different network protocols for transmission
4. Encoding level: 1, 2, 3, 4 and 5 (higher the level, larger of the code flow fluctuation ratio )
5. Coding Standard: Base line profile/ main profile/high profile,.Audio: MP3, AAC, G.711, sampling rate: 32000,44100,48000 etc, encoded audio bit rate: 48K, 64K, 96K, 128K, 160K, 192K, 256K
6. Video bitrate Control: CBR / VBR 16KBIT / S ~ 12MBIT / S
7. Video packaging: FFMPEG
8. Transmission: TCP, UDP, 100M for configuration/ 1000M for transmission (RJ45 Duplex network port)
9. Support WEB access in Chinese/ English, passwords change, WAN remote management (WEB)
10. Support Text/ image OSD, images superimposing.
11. Supports automatically obtain IP (DHCP), support One-key recovery, upgrade and remote maintenance.
12. Support build-in or external audio input, support left and right sound channel, Support audio gain, turn volume individually.
13. Support encoding without video signal;
14. Take effect immediately when applied the settings, don't need to restart.
15. Support one-key recovery to default setting.

# Specification

<b>Product model</b>	EH840U 8*HDMI Encoder	
<b>Input</b>	8 Channel HDMI input, 8 Channel audio input	
<b>Output</b>	2 channel IP output, 2 network management port.8 streams output	
<b>Video</b>	Input resolution	Up to 1920x1080p 60FPS
	Coding standard	H.264
	Coding level	H.264 BASELINE PROFILE H.264 MAIN PROFILE H.264 HIGH PROFILE
	Encoded size	640*360~1920*1080 (Can customize)
	Video bit rate	Rate control: CBR/VBR 16KBIT/S~12MBIT/S
	Video frame rate	5- 60 fps
	OSD	Text, Image
<b>Audio</b>	Input selection	8 channel embedded audio hdmi, 8 channel 3.5MM independent audio, support audio gain
	Audio coding	AAC/ MP3/ G.711
	Audio bit rate	64Kb/s~384Kb/s
	Sampling rate	32000、44100,48000 etc
<b>IP output</b>	1000M Ethernet for transmission, 1RJ 100M port for configuration Dual bitrate standard TS stream.	
<b>System</b>	Network protocol	HTTP, RTSP, RTMP, ONVIF, UDP,HLS multicast, unicast
	Configuration management	User interface, remote upgrade, Andriod APP, multi-one management platform
	Power supply	AC110~240V
	power consumption	28W
	Size	430mm * 250mm *45mm(length*width*height)
	Operating temperature	-20℃+ 60℃
	Working humidity	<90%, Non-condensing
	Weight	3KG

