

H.265 4K HDMI Video Encoder

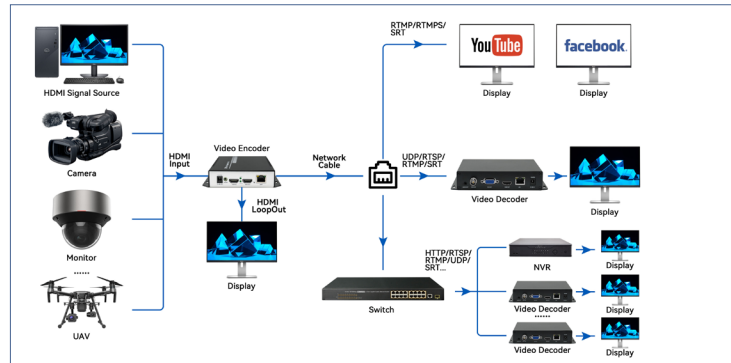
This is a professional hardware video and audio encoder. Which designed to meet the 2 channels 4K@30hz and 2 channels HD/1080P@30 Video transmission applications. It supports H.265&H.264 high-performance encoding. Also, it supports the most protocols including HTTP/SRT/RTMP/RTMPS/HLS/UDP/RTSP/Onvif, etc.

It's high integration and cost-effective design make this device widely used in the variety of field such as CATV digital head-end, hotel IPTV system, live streaming broadcast, streaming media server etc. Also, the encoder works with the online live broadcast platform, such as YouTube, Ustream, Twitter, WOWZA, Facebook Live, etc.



Products Features

- Support H.265/H.264 /MJPEG encoding
- Support 1 X HDMI Input and loop-out
- Support 1 X 3.5mm audio input
- Support HTTP/HTTPS/RTSP/RTMP/RTMPS/SRT/UDP/RTP/FLS/FLV/Onvif protocol
- Support output video stream format: TS/VES/AES stream, etc.
- Support 4 channels streams output at the same time
- Support up to 2ch 4K@30hz and 2ch 1080P@30hz resolution output when input resolution is 4K@30hz
- Support audio encoding without the video input
- Vertical/horizontal/mirror function of the screen supported
- Support logo/ image/ text overlay, Support scrolling subtitles and mosaic watermarks
- Support HDCP 1.4
- 1000M network interface uses full duplex mode, LAN and WAN transmission
- Support SDK, secondary development
- Support network remote management and upgrade
- Support to be packed with 1U and 3U Rack(1~16channels video input)
- Applied in Live broadcast, IPTV system, elevator advertising player, online courses, broadcast meeting
- 7*24h Working



⚠ Note:

1. This device support 4 channels stream output simultaneously and only 2 channels 3840x2160@30 output
2. The device is powered by DC power by default, POE power need to be noted before the order with us.
3. Support software remote upgrade

Specifications

Model	ZY-EH1301
Video	
Input interface	1×HDMI 1.4
Support resolution	3840*2160,2560*1600,2560*1440,2048*1536,2048*1080,1680*1200 1600*900,1440*1050,1440*900,1360*768,1280*800,1280*800,1280*768,1024*768,1024*576,960*540,850*480,800*600,720*576,720*540,720*480,720*404,720*576,640*480,640*360,480*270, Auto
Frame rate	≤ 60hz
HDCP	Support HDCP 1.4
Output interface	1×Ethernet port (RJ45), 1×HDMI 1.4 Loop-out
Video encoding	H.265&H.264/MJPEG
Max bitrate	16kbps- 20Mbps
Rate control	CBR/VBR
Audio	
Input interface	1×External audio, HDMI built-in Audio
Audio encoding	ACC, MP3, G711
Audio Encoder type:	AAACL, EAAC, EAACPLUS, MP2, AC3
Bit-rate Option	48K,64K,96K,128K,160K,192K,256K
Sampling Accuracy	24 Bit
Audio Data-rate	64Kb/s to 384Kb/s
Network	
RJ45	1000M Ethernet port
Program streaming	HTTP, RTSP, RTMP/RTMPS, SRT, GB28181, HLS, FLV, ONVIF, Multicast: UDP/RTP
Control Panel	Web panel (Language is English), remote upgrade
Firmware Update	Enable by uploading files to the dashboard
General	
Dimension(W*L*H)	167*132*28mm
Gross Weight	0.3kg
Temperature	0 ~ 45°C (for working) , -20~60°C (for storing)
Humidity	<90%, non-condensing
Input Voltage	DC 12V/1A
Power Consumption	5W