

Model : ATZ HDMI-EN101

Description : H.264 HD HDMI Encoder for IP TV w/LED screen



This is a professional hardware video and audio encoder. Which is designed to meet the HD/1080P@60 Video transmission applications. It supports H.265 (HEVC)/H.264 high performance encoding. Also, it supports the most protocols including HTTP/SRT/RTMP/RTMPS/HLS/ UDP/RTSP/Onvif, etc.

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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.

Features:

- Support H.265/H.264 /MJPEG encoding
- Support 1XHDMI Input and loop-out
- Support Digital audio/Analog audio loop out
- Support HTTP/HTTPS/RTSP/RTMP/RTMPS/SRT/UDP/RTP/FLS/FLV/Onvif protocol
- Support output video stream format: TS/VES/AES stream, etc.
- LCD display device name, IP address, resolution and working status
- Support up to 1080P@60 resolution input and output
- Support 4 channels streams output at the same time
- Support audio encoding without the video input
- Support MP3/AAC/G.711 Advanced Audio Coding format quality
- Support HDCP 1.4
- 1000M network interface uses full duplex mode, LAN and WAN transmission
- Support POE power supply(optional)
- 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

Specifications:

Video	
Input interface	1×HDMI 1.4
Support resolution	1920*1080,1280*720,1280*800,1280*768,1024*768,1024*576, 960*540,850*480,800*600,720*576,720*540,720*480, 720*404,704*576,640*480,640*360,480*270,Auto
Frame rate	5-60hz
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- 12Mbps

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Rate control	CBR/VBR
Audio	
Input interface	1×External audio, HDMI built-in Audio
Output interface	1×External audio
Audio encoding	ACC, G711
Audio Encoder type:	AACLC,EAAC,EAACPLUS
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)	6.4*4.4*1.3in(163*111*32mm)
Gross Weight	0.35kg
Temperature	0 ~ 45°C (for working) ,-20~60°C (for storing)
Humidity	<90%, non-condensing
Input Voltage	DC 12V/1A
Power Consumption	5W

System Requirement:

Windows XP / Vista / 7 / 8 / 10 / 11, Mac OS and above

Package Contents :

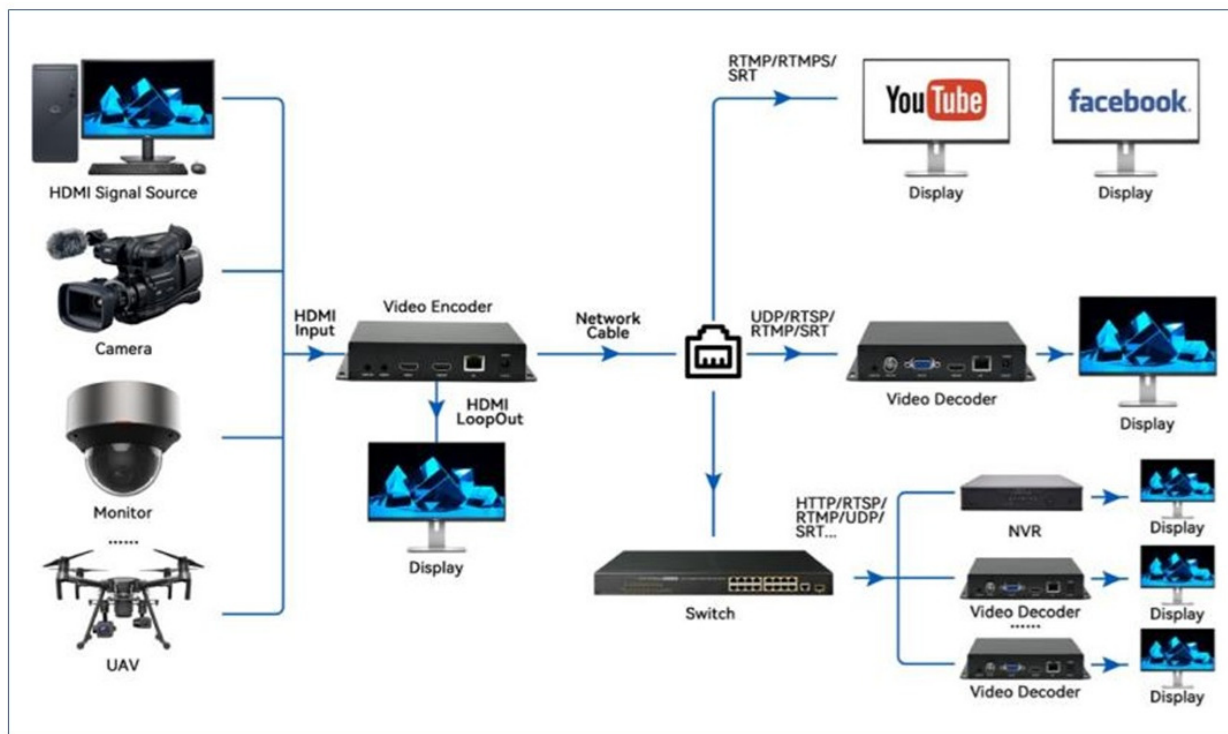
1x HDMI Encoder

1x power adapter

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Product Diagram:



Warranty: 2 Years

Warranty is effective from the date of original delivery.

This warranty shall be void if a serial number has been removed from the product.

HDMI[™]

HIGH DEFINITION MULTIMEDIA INTERFACE

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