

geratech®



EGE-HDMIP-404

HDMI Video Encoder





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EGE-HDMIP-404 is a professional hardware video and audio encoder. Which designed to meet the 4CH 4K@30HZ HDMI Video transmission applications. It supports H.264 high-performance encoding. Also, it supports the most protocols including HTTP/RTMP/RTMPS/HLS/UDP/RTSP/Onvif, etc.

Its 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.



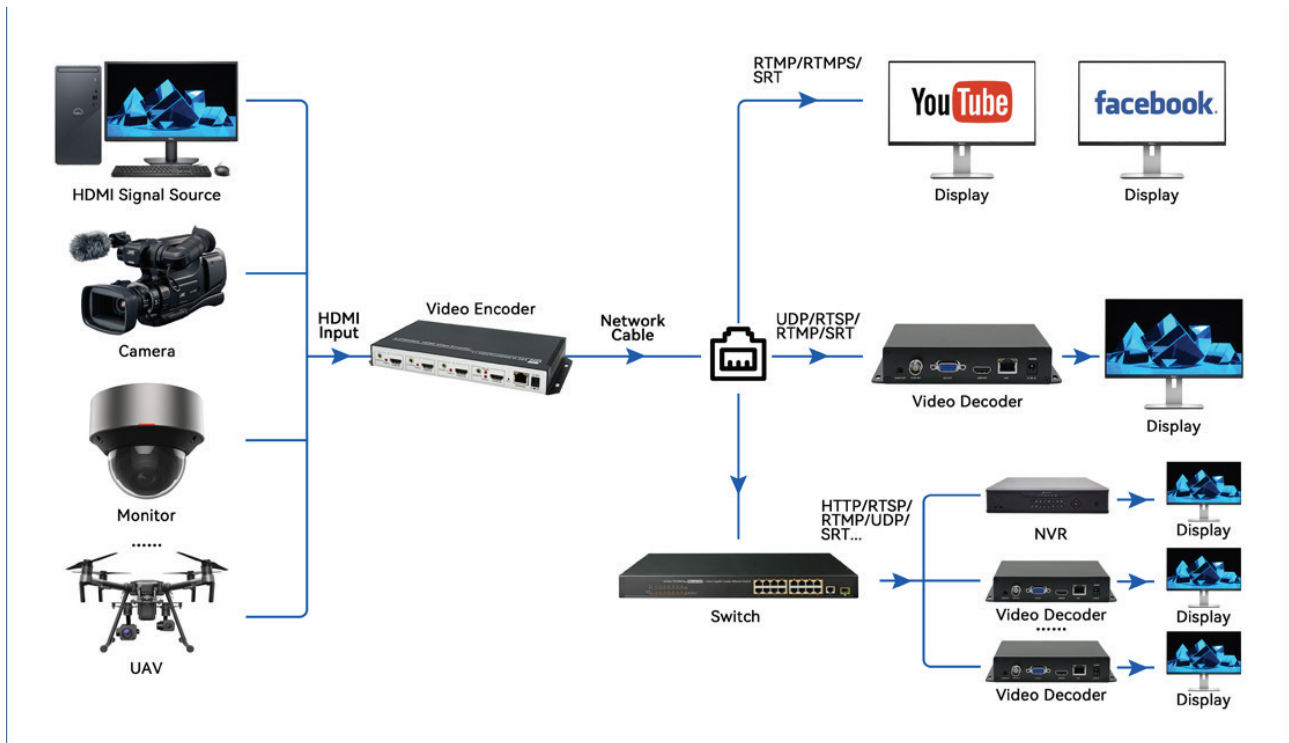
PRODUCTS FEATURES

- Support H.264/MPEG-4 encoding
- Support 4XHDMI Input and audio input
- Support HTTP/HTTPS/RTSP/RTMP/RTMPS/UDP/RTP/FLS/FLV/Onvif protocol
- Support output video stream format: TS/VES/AES stream, etc.
- Support up to 4channels 4K@30hz resolution input and output
- Support up to 16 channels streams output at the same time
- Support MP3/AAC/G.711 Advanced Audio Coding format quality
- Support HDMI1.4 and HDCP 1.4
- 1000M network interface uses full duplex mode, LAN and WAN transmission
- Support SDK, secondary development
- Support network remote management and upgrade
- Applied in Live broadcast, IPTV system, elevator advertising player, online courses, broadcast meeting
- 7*24h Working
- OEM&ODM

SPECIFICATIONS

Model	EGE-HDMIP-404
Video	
Input interface	4×HDMI 1.4
Support resolution	3840*2160,1920*1080,1920*960,1680*1200,1600*900,1440*1050, 1440*900,1360*768,1280*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),
Video encoding	H.264/Baseline Profile/Main profile/High Profile
Max bitrate	16kbps- 12Mbps
Rate control	CBR/VBR
Audio	
Input interface	4×External audio, HDMI built-in Audio
Output interface	-
Audio encoding	ACC, G711
Audio Encoder type	LCAAC,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, 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) 238*122*28mm
Gross Weight	0.4kg
Temperature	0 ~ 45°C or working,-20~60°C for storing)
Humidity	<90%, non-condensing
Input Voltage	DC 12V/2A
Power Consumption	5W

CONNECTION DIAGRAM



Note:

1. Supports up to 4 channels of 4K@30HZ resolution input
2. One channel supports 4 stream outputs (http, rtsp, udp, hls) at the same time.



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