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

4K@ 30HZ | **HDMI 1.4 HDCP 1.4** | **H.264 MPEG-4** | **1000M Ethernet** | **External Audio**
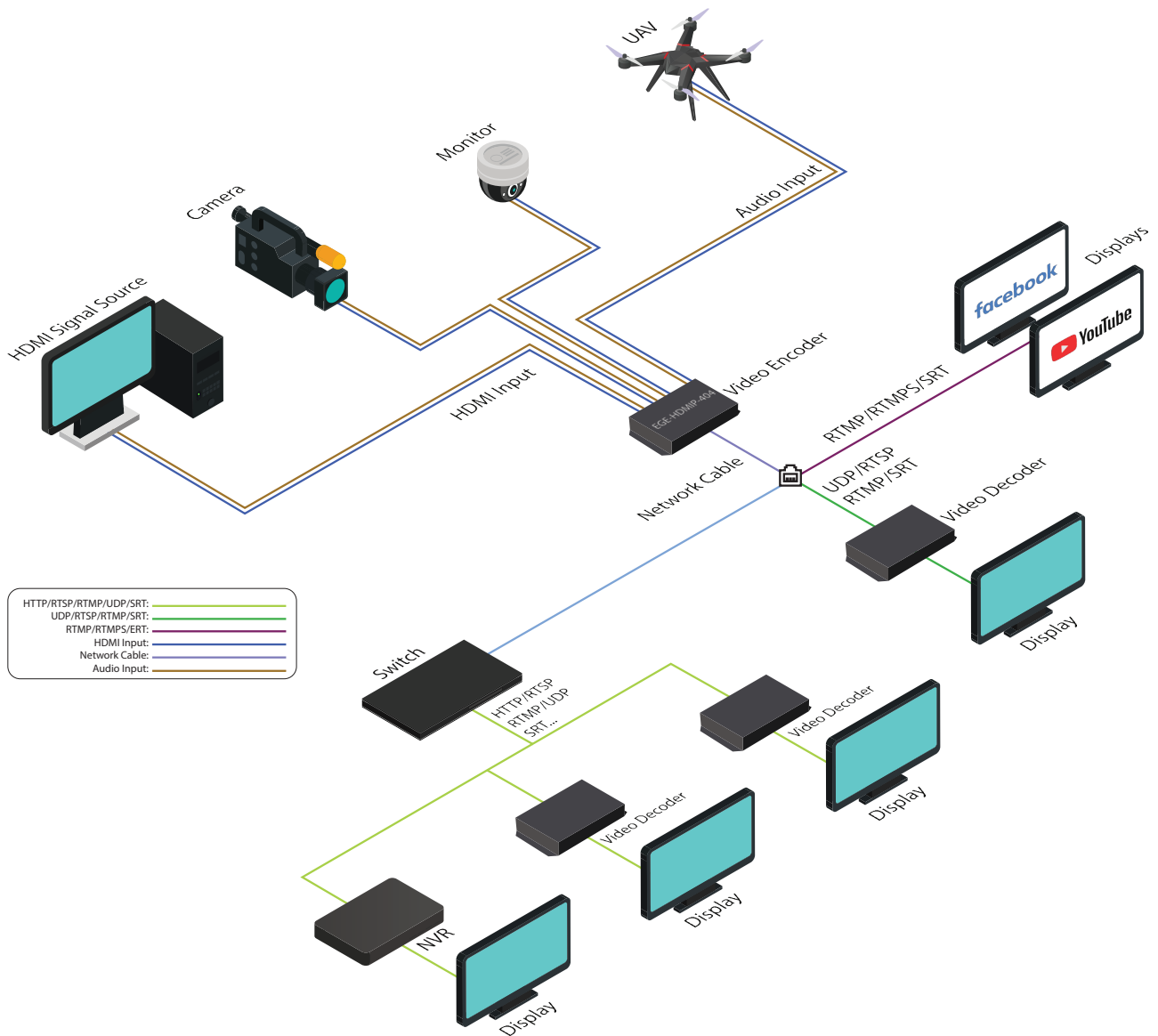
PRODUCTS FEATURES

- 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, 1 40*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.