

# M2 HDMI+VGA Video Encoder

Dual interface video encoding device



## Descriptions

M2 HDMI+VGA video encoder is an encoding device equipped with professional interface. It supports VGA&HDMI input and output with IP stream, realizing HD video transmission/live broadcast.

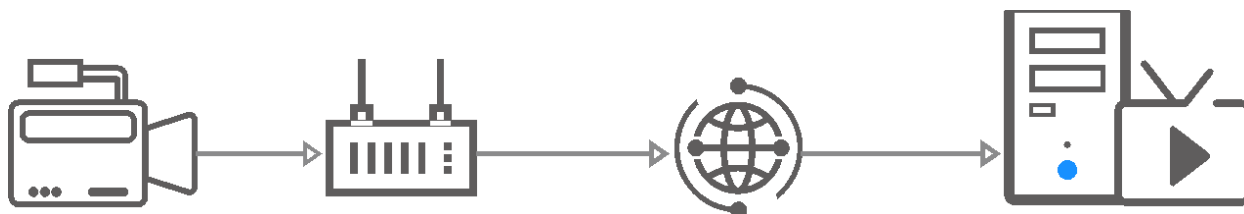
·HDMI/VGA dual interface  
·Multi- platform live broadcast

·SRT  
·Image and text overlay

·Vertical live streaming

## Applications

The acquisition and transmission of computer signal in classroom, the acquisition and transmission of VGA about medical equipment, video live broadcast from camera, video interactive connection point to point, video network recording, etc.



HDMI/VGA video stream

HDMI+VGA encoder

Ethernet cable transmission

Live broadcast/ streaming  
media platforms

## Advantages

### Dual interface design, compatible with various VGA video sources or HDMI video sources

- VGA interface compatible with VGA/XGA/UVGA/SVGA/SXGA/SXGA+/WXGA/WXGA+/WSXGA/WUXGA and other video sources;
- HDMI interface compatible with HDMI 1.4 and below;
- The price of one device, get the functions of two devices;
- 24h continuous working available.

### Powerful streaming media service function (support SRT), Support dual stream output and 8 stream services can be opened simultaneously for main and sub streams.

- H.264 encoding, support SRT transmission point-to-point and Caller/Listener/ Rendezvous three transmission modes;
- Simultaneously support RTSP/ RTMP/ RTMPS/HLS/TS-UDP/Onvif etc. streaming media protocols.
- Customizable for NDI/SIP
- Dual stream output, the main code rate up to 1080P60, and the sub-stream supports 720P60 video encoding;
- Both the main stream and the sub stream can open 8 stream services simultaneously (both can push simultaneously 8 live platforms).

### Support video rotation/cropping (vertical live streaming), image and text overlay, video recording, PTZ control etc.

- Professional preprocessing such as video rotation, cropping, horizontal mirroring and color adjustment before encoding;
- USB expansion storage and NAS network storage;
- SDI/HDMI embedded audio encoding, and 3.5mm analog audio input encoding;
- With RS485 port for PTZ control;
- SDK/API provided for secondary development.

## Parameters

Model	M2
Video interface	1*VGA+1*HDMI
Analog audio interface	2*3.5mm audio
USB interface	1*USB 2.0 Type-A
Network support	Wired/Satellite
Video resolution	Up to 1080p60Hz, details as below: 1080P/1080i/720P/480P/576P/480i/576i (up to 60Hz) Compatible with VESA display resolution, up to 1920*1200@60Hz
Video encoding	H264/AVC, Motion-JPEG
Audio encoding	AAC/ G.711
Encoding latency	<67ms
Media transmission protocols	SRT/RTMP/HLS/TS over UDP/RTSP /Onvif and custom for NDI-HX
Management	APP/ Web
Power supply	DC 12V 1A
Power consumption	4w
Size	182*122*36 mm (7.16*4.80*1.42" )
Weight	600g (21.2oz)
Operating temperature	-20~60°C