MT-HDE8800AH-2

HDMI to IP Video Encoder with H.264 Compression

FEATURES

- 1-port HDMI input with built-in audio extraction
- H.264 video encoding, up to 1920x1080 Full HD resolution
- Multiple streaming protocols: RTMP, RTSP, HTTP FLV, HLS, UDP/RTB multicast
- Flexible coding resolution from 176x144 up to 1920x1080, same as input resolution
- CBR/VBR stream control with adjustable bit rate 32-32000 kbit

- Multi-format audio coding: AAC+, AAC++, MP3, MP2, AC3
- OSD overlay with text, picture and scrolling text support, up to 4 areas
- Gigabit Ethernet network interface, ONVIF compatible
- Compact design 10.4 x 10.4 x 2.7 cm, wall-mountable
- Low power consumption 4W, DC 12V supply

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TECHNICAL SPECIFICATIONS

Network

Network	Gigabit Ethernet
Configuration Management	Configuration management via the WEB
ONVIF	Support ONVIF search browsing videos

Structure

Dimensions	104 mm x 104 mm x 27 mm (includes wall hanging)

Audio and Video Input

Video Input	1 port HDMI
Audio Input	1 port HDMI built-in audio

Audio Coding

Coded Sampling Rate	44100 / 48000 optional
Coding Method	AAC+ / AAC++ / MP3 / MP2 / AC3 optional
Coding Bit Rate	AAC: 48000-320000 adjustable / AAC+: 2400-48000 adjustable / AAC++: 12000-320000 adjustable / MP3: 64000-320000 adjustable / MP2: 64000-320000 adjustable / AC3: 40000-640000 adjustable
Digital Volume	-50 to 50 adjustable
RTSP Stream G711A Encoding	Disable / Enable optional

OSD

Transparency	0-128 adjustable
Type	Text / Picture / Scrolling text
Area	4 areas available
X Coordinate	0-1920
Y Coordinate	0-1080
LOGO	4 logos can be uploaded for selection
Font Size	8-72
Background Color	Transparent / White / Black
Font Color	RGB color is optional

Power

Power Supply	DC 12V, 1A
Power Consumption	4W

Environment

Operating Temperature	-20°C to +60°C (-4°F to +140°F)
Operating Humidity	<90% no condensation

Video Coding

Coding Type	H.264
Coded Frame Rate	5-60 adjustable
Key Frame Interval	5-300 adjustable
Bit Rate (kbit)	32-32000 adjustable
Coding Resolution	1920x1080 / 1680x1056 / 1280x720 / 1024x576 / 850x480 / 720x576 / 720x540 / 720x480 / 720x404 / 704x576 / 640x480 / 640x360 / 608x448 / 544x480 / 480x480 / 480x384 / 480x360 / 480x332 / 480x272 / 480x270 / 400x320 / 400x224 / 352x480 / 352x228 / 320x256 / 320x240 / 320x180 / 240x180 / 176x144 / Same as input resolution
Code Stream Control	CBR / VBR optional
Stream	RTMP / RTSP / HTTP FLV / HLS / UDP multicast / RTB multicast