

UTEMVE-105H

H.265 HEVC HD/SD Streaming Encoder - HDMI

Our HDMI H.265 IP Streaming Encoder uses the new and highly efficient H.265 compression scheme, which enables lower data rates and lower latency when converting HDTV signals from HDMI sources into a transport stream for distribution in local or worldwide accessible networks.

The hardware encoding of UTEMVE-105H has a big advantage over software solutions or PC cards by an independent, reliable and stable operation.

The H.265 IP Streaming Encoder is configured once for the upcoming task via the web-based control GUI after that it works continues without a computer. The outstanding technical capabilities and features as well as the generated signal quality allow the use of this H.265 IP streaming encoder in a variety of areas, such as IP-TV, digital signage, videoconferencing, hotel or hospital TV, training, but also live broadcast and Content Capturing.

The compact IP streaming encoder UTEMVE-105H works - as you would expect from a high-end encoder - HDCP compliant and thus also easily processes signals from HDCP protected sources, such as BluRay or DVD players.



Technical specifications

Function	TS-Encoder
Video Input	1x HDMI feamel (Type A) with HDCP support
Video resolutions	1080p / 1080i / 720p 1600x1200 / 1400x1050 / 1440x900 / 1280x1024 / 1280x960 / 1280x800 / 1024x768 / 800x600 etc.
Audio Input	1x HDMI embedded
Video Coding	H.265 Main Profile encoding H.264 Main Profile encoding H.264 Baseline Profile encoding H.264 High Profile encoding
Adjustable resolutions	1920x1080 / 1280x720 / 1024x576 / 960x540 / 850x480 / 720x576 / 720x540 / 720x480 / 720x404 / 704x576 / 640x480 / 640x360
Video Bit Rate	CBR / VBR / ABR, 16 kbps ~ 16 Mbps adjustable
Refresh rate	60 fps max.
Audio Coding	AAC / MP3, 64 kb/s ~ 384 kb/s
Latency	<200 ms
Network connection	1 RJ45 10M/1000M adaptive Ethernet
Netzwerk protocol	HTTP, UDP, RTSP, RTMP, ONVIF, unicast, multicast
Datastream Type	TS Standard Stream, Dual Code Stream
Supported platforms	Wowza, Xstream Codes Media Server, YouTube, Ustream, Twitter, VLC, etc.
Control / Configuration	WEB GUI
Power supply	12 V DC, 1 A
Power consumption	<5 W
Temperature range	-20° ~ +60°C (Operation)
Dimensions (W x D x H)	165 x 85 x 25 mm
Weight	210 g