8-HD ENCODER



8-HD Encoder is professional HD audio / video encoding and multiplexing device with integrated **ASI** input and outputs. **8 HDMI** inputs support **MPEG-4 AVC / H.264 / H.265** standards. **8-HD Encoder** can be used both for IP TV (**IP** output MPTS / SPTS) and as a part of head-end station.

Digital video & audio input	
Number of inputs, connector type	8 x HDMI (Type A receptacle)
ASI transport stream input	
Number of inputs, connector type	1 x ASI input
Standard and data format	DVB-ASI
ASI TS multiplexing output	
Number of outputs, connector type	2 x ASI, BNC female, 75Ω
tandard and data format	DVB-ASI
PSI processing	PAT, PMT, NIT Insertion
Video encoding	

Encoding format	MPEG-4 AVC/H.264: HP@L4.0
Resolution and frame rate	1920x1080p/i@60/50 fps, 1280x720p/i@50/60 fps, 720x576i@50/60 fps
Aspect ratio	1:1, 4:3 or 16:9
Video encoding rate and mode	0.8 to 19 Mbps each channel, CBR, VBR
Video processing	De-interlacing, noise reduction, sharpening
Audio encoding	
Encoding standards	MPEG-1 Layer 2, HE-AAC (V2), LC-AAC
Audio mode	Stereo or Mono
Audio sample rate	48 kHz
Audio encoding rate	64 to 384 kbps
Network management	
Interface and connector type	1 x 100/1000 Base-T Ethernet, RJ-45
Management	Web-interface
Miscellaneous	
Front panel	LCD with 7 control buttons, 10 x dual color LED for status indications of power, work and alarm
Rear panel	1 x Power supply receptacle (AC Input), 1 x Power switch
Power supply	
Input Voltage	110-240 VAC, 50/60Hz

Power Consumption	25W (max)
Environmental	
Operating Temperature	0 to 45 (32 to 113)
Storage Temperature	-20 to 80 (-4 to 176)
Operating Humidity	90%, non-condensing
Mechanical	
Dimensions (W x H x D)	1RU: 440mm x 44.5mm x 410mm, 17.3'' x 1.73'' (1RU) x 16.1''
Weight	4Kg (8.8 lbs)

Taking into consideration that we (UMT LLC) are developer and system integrator, also do not stop on our technical growth and improvement, know that view of all our devices and equipment including their technical parameters may be different from pictures presented on website and parameters listed on each device webpage.

***Note!** All details customer has to confirm in advance during ordering and before payment. Those parameters that were not specified and / or were not agreed while ordering will be implemented as basic at the discretion of the manufacturer. Each our customer has 1.5 year warranty and 7 year aftersales support for whole range of our products.*