

## **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,	8 x HDMI (Type A receptacle)	
ASI transport stream input		
Number of inputs,	1 x ASI input	
Standard and data format	DVB-ASI	
ASI TS multiplexing output		
Number of outputs,	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	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.