16-HD ENCODER



16-HD Encoder is professional HD audio / video encoding and multiplexing device with integrated **ASI** outputs. **16 HDMI** inputs support **MPEG-4 AVC / H.264 / H.265** standards. **16-HD Encoder** can be used both for IP TV (**IP** output MPTS / SPTS) and as a part of head-end station.

Inputs	
Number of channels, interface	16, HDMI
Video	
Input video resolution	1920×1080p 60, 1920×1080p 50 (by request) 1920×1080i 60, 1920×1080i 50 1280×720p 60, 1280×720p 50 720×576i 50, 720×480i 59.95 480×360p
Video encoding	MPEG-4 AVC/H.264 Baseline/Main/High Profile HEVC/H.265 High Profile
Bit rate modes	CBR/VBR/ABR
Video bit rate range per channel	0.5-40 Mbit/s
GOP structure	IPPP
Pre-processing	de-interlacing, 3D noise reduction, sharpening, anti-flicker for output videos and graphics

Audio	
Audio encoding:	MPEG-1 Layer 2, LC-AAC, HE-AAC, AC3, EAC3
Audio bit rate range per channel	HE-AAC: 32-128 kbit/s; MP2: 34-384 kbit/s; LC-AAC: 64-256 kbit/s; AC3: 64-384 kbit/s; EAC3: 64-384 kbit/s
Audio gain	0-200%
Multiplexing	
Multiplexing processing	PSI/SI insertion and editing PCR correction PID remapping and passing through
Outputs	
Number of ASI outputs, connector	2, BNC-type
IP output channels, connector	1 channel MPTS and 16 channels SPTS, 1000base-T Ethernet interface (unicast/multicast)
Supply	
Supply voltage, power	AC 100...220V±10%, 50/60Hz, up to 50W

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.*