16-HD ENCODER V3.0



16-Channel HDMI to H.265/H.264 Encoder v3.0 featuring 16 HDMI inputs, H.265/H.264 hardware encoding, dual ASI outputs, IP streaming (MPTS/SPTS), PSI/SI insertion, PID remapping, and advanced video preprocessing for IPTV, OTT, DVB, and broadcast systems.

Inputs	
Number of video channels, interface	16, HDMI
Number of TS channels, interface, connector	2, ASI, BNC-type
Video	
Input video resolution	1920×1080p 60, 1920×1080p 50 1920×1080i 60, 1920×1080i 50 1280×720p 60, 1280×720p 50 720×576i 50, 720×480i 60
Video encoding	MPEG-4 AVC/H.264 Baseline/Main/High Profile HEVC/H.265 Baseline/Main/High Profile
Bit rate modes	CBR
Video bit rate range per channel	1-13 Mbit/s
GOP structure	IPPP

Audio	
Audio encoding:	MPEG-1 Layer 2, LC-AAC, HE-AAC v1 (AAC LC + SBR), HE-AAC v2 (AAC LC + SBR + PS)
Bit-rate	48 kbps, 64 kbps, 128 kbps, 192 kbps, 256 kbps, 320 kbps, 384 kbps
Audio gain	0-255
Multiplexing	
Multiplexing processing	PSI/SI insertion and editing PCR correction PID auto-remapping and manual editing
Maximum PID remapping	180 output PIDs per channel
Outputs	
Number of ASI outputs, connector	2, BNC-type
IP output channels, connector	1 channel MPTS / 16 channels SPTS, 1000base-T Ethernet interface (unicast/multicast)
Supply	
Environment	0~45 (work) -20~80 (storage)
Supply voltage, power	AC 100...240V, 50/60Hz

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.