

16 HD Encoder to IP Output

ACE 16HDE

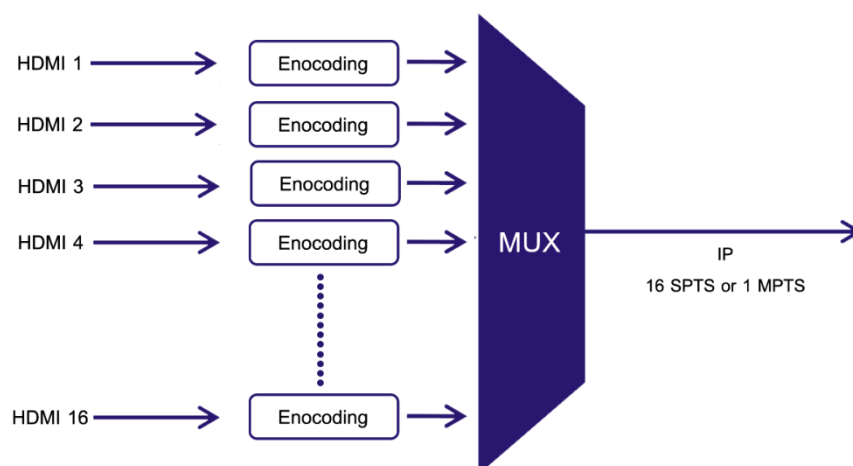


The **ACE 16HDE** is a professional HD audio & video encoding and multiplexing device. It has 16 HDMI (16HDMI optional) video input interfaces, supporting MPEG-4 video encoding and MPEG 1 Layer 2 audio encoding. This device can simultaneously encode 16 channel HD audio & video; moreover, in conclusion, its high integrated and cost effective design makes the device widely used in varieties of digital distribution systems such as cable TV digital head-end, satellite digital TV broadcasting etc.

Main Features:

- Support 16 HDMI input.
- MPEG4 AVC/H.264 video encoding format.
- MPEG1 Layer II audio encoding format, support audio gain adjustment.
- Support 1 MPTS and 128 SPTS IP output from DATA1 GE port over UDP and RTP protocol.
- Support accurate PCR adjusting.
- Support PSI/SI editing and inserting.
- Control via web management, and easy updates via web.
- Lowest cost per channel, breakthrough price.

Principle Chart:



Specifications:

PRODUCT		ACE 08HDE	
Input	16 HDMI inputs		
Video	Resolution	input	1920×1080_60i, 1280×720_60i, 1920×1080_50i, 1280×720_50i
		output	1920×1080_60i, 1280×720_60i, 1920×1080_50i, 1280×720_50i, 720×480_50i, 320×240_60i, 176×144_60i, 176×120_60i, 720×576_50i, 704×576_50i, 640×576_50i, 352×288_50i, 320×288_50i, 176×288_50i, 176×144_50i
	Encoding	MPEG-4 AVC/H.264	
	Bit-rate	0.8Mbps~19Mbps each channel	
	Rate Control	CBR/VBR	
	GOP Structure	IP...P (P Frame adjustment, without B Frame)	
Audio	Encoding	MPEG-1 Layer 2	
	Sampling rate	48KHz	
	Resolution	24-bit	
	Bit-rate	32kbps,48kbps ,56kbps,64kbps,80kbps,96kbps,112kbps,128Kbps,160kbps,192kbps,224kbps,256kbps,320kbps,384kbps	
Multiplexing	Maximum PID Remapping	180 input per channel	
	Function	PID remapping (automatically or manually)	
		Accurate PCR adjusting	
		Generate PSI/ SI table automatically	
Streamoutput	128 SPTS IP or 1MPTS output over UDP/RTP, 1*1000 Base-T Ethernet interface		
System function	Network management(WEB)		
	Chinese and English language		
	Ethernet software upgrade		
Miscellaneous	Dimension(W×L×H)	482mm×410mm×44mm	
	Approx weight	8kg	
	Environment	0~45°C(work) ; -20~80°C (Storage)	
	Power requirements	AC 110V± 10%, 50/60Hz, AC 220 ± 10%, 50/60Hz	
	Power consumption	70W	

