

20 HD Encoder to IP Output

ACE 20HDE

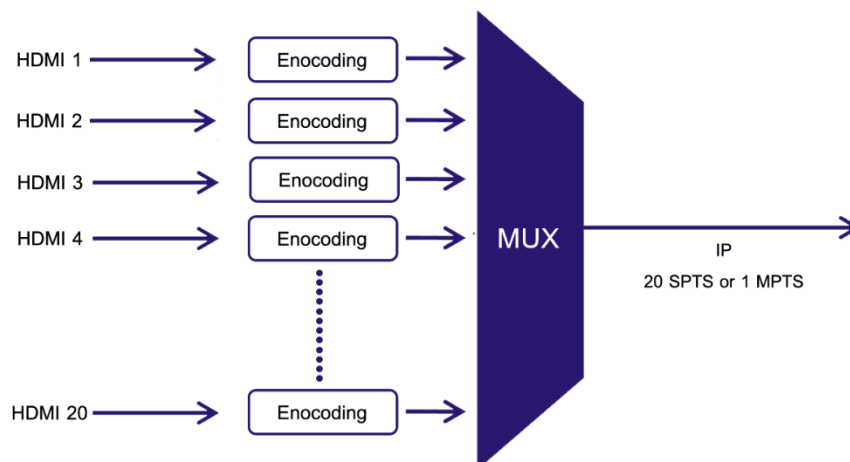


The **ACE 20HDE** is a professional HD audio & video encoding and multiplexing device. It has 20 HDMI (20 HDMI optional) video input in terfaces, supporting MPEG-4 video encoding and MPEG 1 Layer 2 audio encoding. This device can simultaneously encode 20 channel HD audio & video; moreover, it can multiplex the input TS to generate 128 SPTS or one MPTS output through data port. 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 20 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	20 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	

