



Product Outline

ACE08HDE MPEG4 AVC/H.264 HD IP Encoder is a professional HD audio & video encoding and multiplexing device. It has 8 HDMI (8HDMI optional) video input interfaces, supporting MPEG-4 video encoding and MPEG 1 Layer 2 audio encoding. This device can simultaneously encode 8 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.

Features

- 1.Support 8 HDMI input
- 2.128 IP input from DATA1, DATA 2 and DATA3 port over UDP and RTP protocol
- 3.MPEG4 AVC/H.264 video encoding format
- 4.MPEG1 Layer II audio encoding format, support audio gain adjustment
- 5.Support 1 MPTS and 128 SPTS IP output from DATA1 GE port over UDP and RTP protocol
- 6.Support accurate PCR adjusting
- 7.Support PSI/SI editing and inserting
- 8.Control via web management, and easy updates via web
- 9.Lowest cost per channel, breakthrough price

Specification

Input	8 HDMI inputs DATA1(GE port)/DATA2(GE port)/DATA3(FE port),RJ45			
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, 176×240_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		
Stream output	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		



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