

8 HDMI Encoder to 4 COFDM Modulator

ACE 08HDO-4T

SKU : AD0421BCB0221

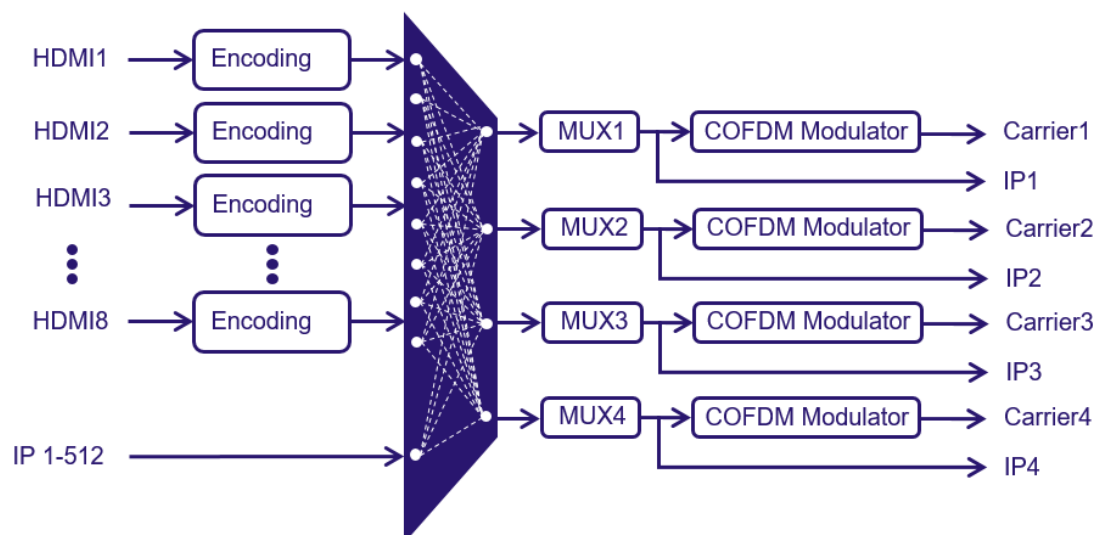


The **ACE 80HDO-4T** is 8 HDMI Encoder to 4 OFDM Modulator professional high integration device which includes encoding, multiplexing, scrambling and modulation. It supports 8 HDMI input, and maximum 512 IP input with Data1 (GE) port. It also supports DVB-T RF out with 8 non-adjacent carriers and supports 16/8/6 MPTS as mirror of 16/8/6 carriers through Data2 (GE) output port. This full function device makes it ideal for small CATV head end system, and it's a smart choice for hotel TV system, entertainment system in sports bar, hospital, apartments.

Main Features:

- 8 HDMI input, MPEG-4 AVC/H.264 Video encoding
- Each carrier out channel process maximum 32 IP from DATA1 input port (UDP&RTP protocol)
- MPEG1 Layer II Audio encoding and support audio gain adjustment
- Support 8 groups multiplexing/DVB-T modulating
- Support 8 MPTS IP (DATA2 port only) output over UDP, RTP/RTSP-- DVB-T/ATSC RF out
- Support LOGO, Caption and QR code insertion (Language Supported: 中文, English, العربية, ไทย, русская, اردو, for more languages please consult us)
- Support PID remapping/ accurate PCR adjusting/PSI/SI editing and inserting
- Control via web management, and easy updates via web

Principle Chart:



Specification



Specifications:

PRODUCT	ACE 08HDO-4T	
Input:	8 HDMI Inputs 256 IP input over UDP and RTP, DATA1, RJ45—DVB-T RF out	
Video:	Input Resolution:	1920×1080_60P, 1920×1080_60i, 1920×1080_50P, 1920×1080_50i, 1280×720_60P, 1280×720_50P, 720×576_50i,720×480_60i
	Output Resolution:	1920×1080_30P, 1920×1080_25P, 1280×720_30P, 1280×720_25P, 720×576_25P,720×480_30P
	Encoding:	MPEG-4 AVC/H.264
	Bit-rate:	1Mbps~13Mbps 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:	64kbps,128Kbps,192kbps,224kbps,256kbps,320k bps,384kbps
	Audio Gain:	0-255 Adjustable
Multiplexing:	Maximum PID Remapping:	180 input per channel
	Function:	PID remapping (Automatically or manually)
		Accurate PCR adjusting Generate PSI/ SI table automatically
DVB-T Modulator:	Standard:	EN300744
	FFT mode:	2K
	Bandwidth:	6M, 7M, 8M
	Constellation:	QPSK, 16QAM, 64QAM
	Guard Interval:	1/4, 1/8, 1/16, 1/32
	FEC:	1/2, 2/3, 3/4, 5/6, 7/8
	MER:	≥42dB
	RF frequency:	50~960MHz, 1KHz step
	RF output level:	-28~ -3dbm, 0.1dB Step
RF Output Port:	1xRF 8 COFDM DVB-T Output	
Stream output:	RF Output (F-Type Interface) 8 MPTS output over UDP and RTP/RTSP as mirror of 8 DVB-T carriers 1*1000M Base-T Ethernet interface	
System function:	Network Management (WEB)	
	Chinese and English language	
Miscellaneous:	Dimension (W× L× H):	482mm×410mm×44mm
	Approx weight:	4kg
	Temperature:	0~45°C(work) ; -20~80°C (Storage)
	Power:	AC 100V-220V±10%, 50/60Hz
	Consumption:	25W

