

## 4 HDMI Encoder to 1 OFDM Modulator

### ACE 04HD-1T

SKU : AD0422AAC3211

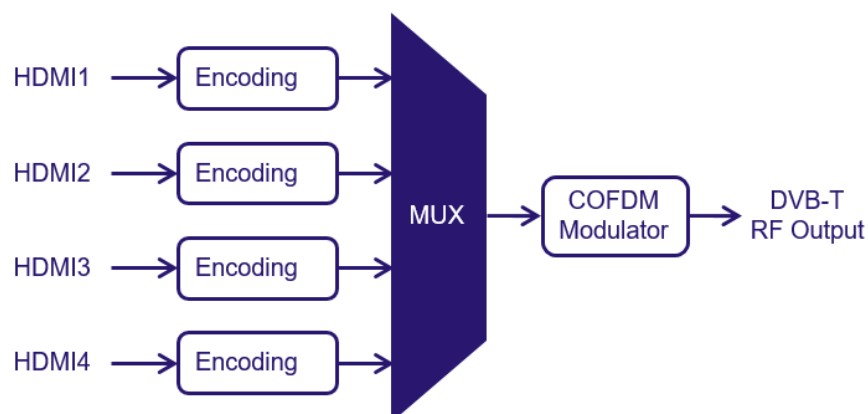


The **ACE 04HD-1T** is 4 HDMI Encoder to 1 OFDM Modulator high performance Digital Encoder Modulator device which includes encoding, multiplexing, scrambling and modulating. It supports 4HDMI input to DVB-T RF output with 1 adjacent carries output. This full function device makes it ideal for small CATV head end system, and it's a smart choice for hotel TV system, entertainment system in sports bar, hospital, apartments.

#### Main Features:

- 4 HDMI input MPEG-4 AVC/H.264 Video encoding.
- MPEG1 Layer II Audio encoding and support audio gain adjustment.
- 4 groups of multiplexing / scrambling / modulation output channels.
- Control via web management, and easy updates via web.
- Support QR code (Video Demo), LOGO (Video Demo), PPT (Video Demo).
- OSD insertion (Video Demo) for every local channel (Language Supported: English, 中文, ไทย, العربية, русская, اردو, for more languages please consult us).

#### Principle Chart:



## Specifications:

PRODUCT	ACE 04HDO-1T	
Input:	4 HDMI Inputs	
Video:	Input Resolution:	3840x2160_60P,3840x2160_59.94P,3840x2160_50P,3840x2160_30P,3840x2160_29.96P,3840x2160_25P,3840x2160_24P,1920x1080_60P,1920x1080_59.94P,1920x1080_50P,1920x1080_30P,1920x1080_25P,1920x1080_24P
	Output Resolution:	1920x1080_30P,1920x1080_25P,1280x720_30P,1280x720_25P,720x576_25P,720x480_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,320kbps,384kbps
	Audio Gain:	0-255 Adjustable
Multiplexing:	Maximum PID Remapping:	180 input per channel
		PID remapping (Automatically or manually)
	Function:	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 COFDM DVB-T Output	
Stream output:	RF Output (F-Type Interface)	
System function:	Network Management (WEB) Chinese and English language	
Miscellaneous:	Dimension (Wx Lx H):	482mmx410mmx44mm
	Approx weight:	4kg
	Temperature:	0~45°C(work) ; -20~80°C (Storage)
	Power:	AC 100V-220V±10%, 50/60Hz
	Consumption:	25W

