

8 DVB-T/T2 & 8 DVB-S/S2 BISS to 8 COFDM Modulator

ACE 8T8S-8T

SKU : AD0511AGD2221

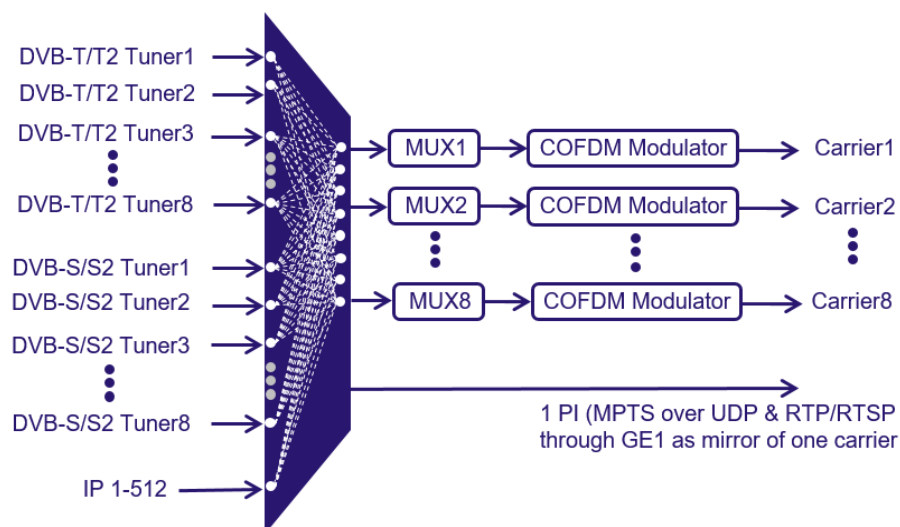


The **ACE 8T8S-8T** 8 DVB-T/T2 & 8 DVB-S/S2 BISS to 8 COFDM Modulator is a high performance and cost-effective COFDM modulator. It supports 8 DVB-T/T2 Tuner input and 8 DVB-S/S2 Biss Tuner input, maximum 512 IP input through GE1 and TS input for re-mux through 2 ASI ports. After multiplexing, scrambling and COFDM modulating, it gives 8 non-adjacent carriers output and 1 IP (MPTS) output through GE1. ACE 8T8S-8T is also characterized with high integrated level, high performance and low cost. This is very adaptable to newly generation for SMATV and CATV broadcasting system.

Main Features:

- 8 DVB-T/T2 Tuner input, 8 DVB-S/S2 Biss Tuner input, 2 ASI input, 512 IP input thru GE1 over UDP and RTP protocol
- 8 DVB-T RF output
- 1 IP (MPTS) output over UDP and RTP/RTSP, as mirror of one carrier
- Support 8 groups multiplexing 8 groups scrambling 8 groups COFDM modulating
- Excellent RF output performance index, MER \geq 40db
- Support accurate PCR adjusting
- Support PSI/SI editing and inserting
- Support Web management, Updates via web

Principle Chart:



Specifications:

PRODUCT	ACE 8T8S-8T	
Input:	8 DVB-T/T2 inputs (F-Type Interface)	
	8 DVB-S/S2 inputs (F-Type Interface)	
	512 IP input through GE1 over UDP and RTP protocol	
	2 ASI inputs (BNC interface)	
DVB-T/T2 inputs tuner:	Frequency Input:	60~890MHz
	Bandwidth:	6M / 7M / 8M
DVB-S inputs tuner:	Frequency Input:	950~2150MHz
	Symbol rate:	0.5~45Msps
	Signal Strength:	-65~-25dBm
	FEC:	1/2, 2/3, 3/4, 5/6, 7/8
	Constellation:	QPSK
	Max input bitrate:	≤129 Mbps
DVB-S2 inputs tuner:	Frequency Input:	950~2150MHz
	Symbol rate:	QPSK/8PSK /16APSK: 0.5~45 Msps, 32APSK: 0.5~40Msps;
	FEC:	[QPSK: 1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 8/9, 9/10] [8PSK: 3/5, 2/3, 3/4, 5/6, 8/9, 9/10] [16APSK: 2/3, 3/4, 4/5, 5/6, 8/9, 9/10] [32APSK: 3/4, 4/5, 5/6, 8/9, 9/10]
	Constellation:	QPSK, 8PSK, 16APSK, 32APSK
	Max input bitrate:	≤129 Mbps
BISS descrambling:	Mode 1, Mode E (Up to 850Mbps) descramble individual program	
Multiplexing:	Maximum PID Remapping:	360 output per channel
	Function:	PID remapping (automatically or manually)
		Accurate PCR adjusting
		Generate PSI/SI table automatically
	Generate PSI/ SI table automatically	
DVB-T Modulator:	Standard:	EN300744
	RF output:	1xRF 8 COFDM DVB-T Output total bandwidth limitation 40M (8 carriers combined output)
	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
Stream output:	RF Output (F-Type Interface)	
	4xMPTS over UDP and RTP out , RJ45, 1000M/100M, Unicast/Multicast	
System function:	Web-based NMS support (English language)	
	Ethernet software upgrading	
Miscellaneous:	Dimension (Wx Lx H):	482mmx300mmx44.5mm
	Temperature:	0~45°C(work) ; -20~80°C (Storage)
	Power:	AC 100V± 10%, 50/60Hz, AC 220V ± 10%, 50/60Hz

