

4 DVB-S/S2 BISS to 2 COFDM Modulator

ACE 4S-2T

SKU : AD0311AHB1001

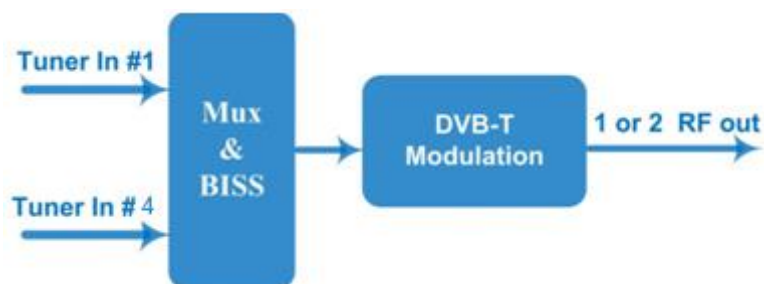


The **ACE 4S-2T** is 4 DVB-S/S2 BISS to 2 COFDM Modulator is a cost-effective DVB-T Trans modulator developed according to DVB-T standard. It supports 4 Tuner input selecting from 4 Tuner ports. After demodulating, re-multiplexing, then it gives 1 or 2 DVB-T RF out. BISS function is also embedded to descramble multiplexed programs. With the features of low cost and high performance, it provides various solutions for operators to re-distribute contents

Main Features:

- Demodulating + re-multiplexing +BISS descrambling +modulating in one box
- Support 4 Tuner input (4 DVB-S/S2 BISS, Digital Tuner 2 COFDM Modulator)
- Support BISS descrambling (up to 60Mbps)
- Support PID pass-through
- LCD / keyboard and web-based NMS operations and upgrade via web

Principle Chart:



Specifications:

PRODUCT		4S-2T		
Input	4 Tuner input (4 DVB-S/S2 BISS Digital Tuner 2 COFDM Modulator)			
	DVB-S/S2	Input Frequency	950-2150MHz	
		Symbol rate	DVB-S: QPSK 2~45Mbauds; DVB-S2:QPSK1~45Mbauds, 8PSK 2~30Mbauds	
		Code rate	1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 8/9, 9/10	
		Constellation	QPSK, 8PSK	
Multiplexing	Maximum PID Remapping	128 per input channel		
	Function	PCR accurate adjusting		
		Generate PSI/SI table automatically		
PID Remapping				
BISS Descrambling	Mode 1, Mode E (Up to 60Mbps) (descramble individual program)			
Modulation	DVB-T	Standard	EN300744	
		Bandwidth	6M, 7M, 8M	
		Constellation	QPSK, 16QAM, 64QAM	
		Guard Interval	1/4, 1/8, 1/16, 1/32	
		FFT mode	2K,4K, 8K	
		MER	≥42 dB	
		Code Rate	1/2, 2/3, 3/4, 5/6, 7/8	
		RF out	F typed, 75Ω impedance	
			1 RF out --- Option I	
			2 RF out --- Option II	
		RF Range	30~999.999MHz, 1KHz step	
		Output Level	-20~-5 dBm, 0.1db step	
Output Bitrate	Max 31.668Mbps per channel			
System	LCD/keyboard and web management			
	Language: English			
	upgrade via Web			

