

## 5 DVB-S/S2(BISS), DVB-T/T2 Tuner & UDP/HTTP IP Input to 4 OFDM Output & IP Output

### ACE 5TCS-4T

SKU : 5TCS-4T

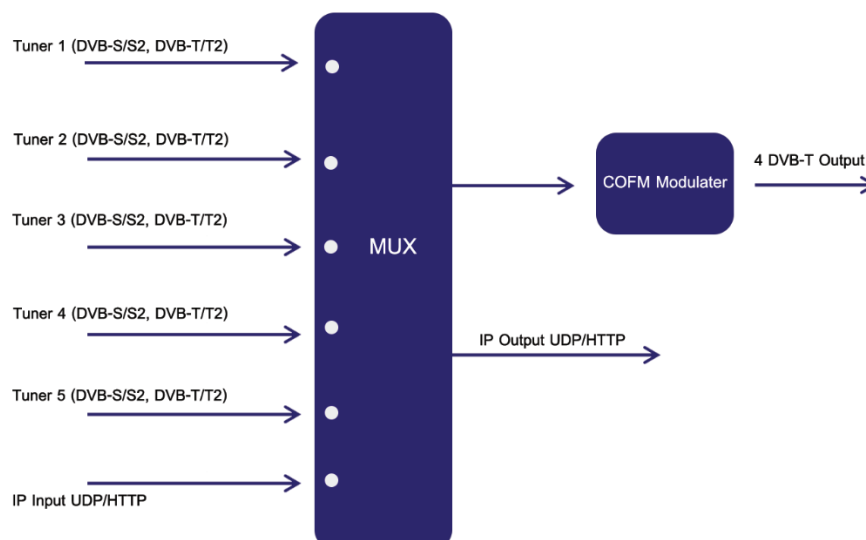


The **ACE 5TCS-4T** is Tuner Digital Modulator can receive both tuner input and IP input. The tuner input is either DVB-S/S2 or DVB-T/T2 signals, total 5 inputs (with loop output), DVB-S/S2 BISS function is now embedded to descramble your tuner input programs. IP input is either UDP or HTTP protocol. The output signal is a digital COFDM modulator, that provides a DVB-T output signal 4 MUX, can be used with TV in Thailand. The IP output signal is either UDP or HTTP protocol. Suitable for IPTV systems both online IPTV and Hospitality IPTV, and can be connected with IP-QAM or IP-COFDM to install in Digital MATV and Digital CATV systems.

#### Main Features:

- Demodulating + re-multiplexing +BISS descrambling +modulating in one box
- Support 5 Tuner input (5 DVB-S/S2 BISS, Digital Tuner 4 COFDM Modulator)
- Support BISS descrambling (up to 60Mbps)
- Support PID pass-through
- NMS operations and upgrade

#### Principle Chart:



## Specifications:

Product		ACE 5TCS-4T
Tuner Input	DVB-S/S2 Input	Input Frequency Range 950-2150 MHz
		Symbol rate DVB-S: QPSK 2~45Mbauds
		Symbol rate 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
	Support Biss Key	
	DVB-T/T2 Input	Input Frequency Range 30MHz ~999.999 MHz Bandwidth 6M, 7M, 8M
IP Input	HTTP/UDP/Multicast Protocol ( <i>Optional</i> )	
IP Output	Port FE	32 IP Multicast, Unicast over UDP Protocol 32 IP HLS, Mpeg TS, Over HTTP Protocol
	Port GE	64 IP Multicast, Unicast over UHD Protocol 64 IP HLS, Mpeg TS, Over HTTP Protocol
DVB-T Tuner Output	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	≥35 dB
	Code Rate	1/2, 2/3, 3/4, 5/6, 7/8
	RF out	F typed, 75Ω impedance
	RF Output	4 MUX
	RF Range	30~999.999MHz, 1KHz step
	Output Level	-20~-5 dBm, 0.1dB step
	Output Bitrate	Max 31.668Mbps per channel
System	Remote Management	NMS Control Panel
	Language	English
	Software Upgrading	Web and USB
General	Dimension(W×L×H)	482mm×300mm×44.5mm
	Weight	2.5 kg
	Temperature	0~45°C (Operation); -20~8°C (Operation)
	Power	100-240VAC 50/60Hz or 12VDC 3A ( <i>Optional</i> )

