

8 DVB-T/T2 & 4 DVB-S/S2 BISS to 4 COFDM Modulator

Model : 8T4S-4T

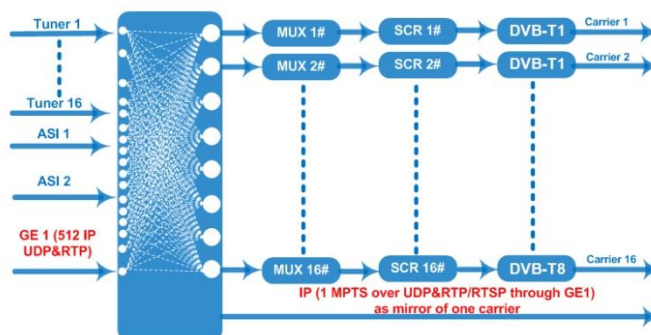


Product Description:

8T4S-4T 8 DVB-T/T2 & 4 DVB-S/S2 BISS to 4 COFDM Modulator is a high performance and cost-effective DVB-T modulator designed with 8 DVB-T2 tuner inputs and 4 DVB-T tuner inputs, after multiplexing, scrambling and modulating process, then it gives 4 RF output. To meet customers' various requirements, this device is also equipped with 128 IP input and 4 MPTS output over UDP and RTP. Its pluggable structure design greatly facilitates the change of modules as needed. Moreover, 8T4S-4T can support Biss descrambling (Optional) and can be upgraded and controlled through network system, which allows it to be widely used in setting up digital broadcasting network and provide good signals for scientific laboratory and DVB-T STB.

Features:

1. 8 DVB-T2 tuner inputs and 4 DVB-T tuner inputs
2. Support maximum 128 IP input (MPTS/SPTS) over UDP and RTP protocol
3. Support 4 groups multiplexing +4 groups DVB-T modulating---8T4S-4T
4. Support 4 groups multiplexing +4 groups Scrambling+ 4 DVB-T modulating---8T4S-4T
5. Integrated demodulating and multiplexing functions
6. Support accurate PCR adjusting
7. Support PID Remapping
8. Support PSI/SI rebuilding and editing
9. Web-based NMS management



Specification:

Input	16 DVB-S/S2 FTA Tuner 128 IP(SPTS/MPTS) input over UDP and RTP, RJ45, 1000M/100M Unicast/Multicast		
	DVB-S	Input Frequency	950-2150MHz
		Symbol rate	2-45Msps
		Signal Strength	-65~-25dBm
		FEC Demodulation	1/2, 2/3, 3/4, 5/6, 7/8 QPSK
	DVB-S2	Input Frequency	950-2150MHz
		Symbol rate	QPSK 1~45Mbauds; 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	256 per input channel	
	Function	PID Remapping	
		Accurate PCR adjusting	
		Generate PSI/SI table automatically	
Modulation	DVB-T	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	≥42 dB
		RF frequency	50~960MHz, 1KHz step
		RF out	4*RF COFDM DVB-T out (4 carriers combined output)
		RF output level	-28~ -3 dBm (77~97 dBμV), 0.1db step
System:	Remote management		Web NMS
	Stream Out		4*MPTS over UDP and RTP out (RJ45, 1000M/100M Unicast/Multicast)
	Language		English and Chinese
	Software Upgrading		Web and USB
General:	Dimension (W*D*H)		482mm×300mm×44.5mm
	Weight		3.7kg
	Temperature		0~45°C (Operation) ; -20~8°C (Storage)
	Power		AC 100V±10%/60Hz; AC 220V±10%, 50/60HZ
	Consumption		25W