



DigiSAT DSTM-04CI

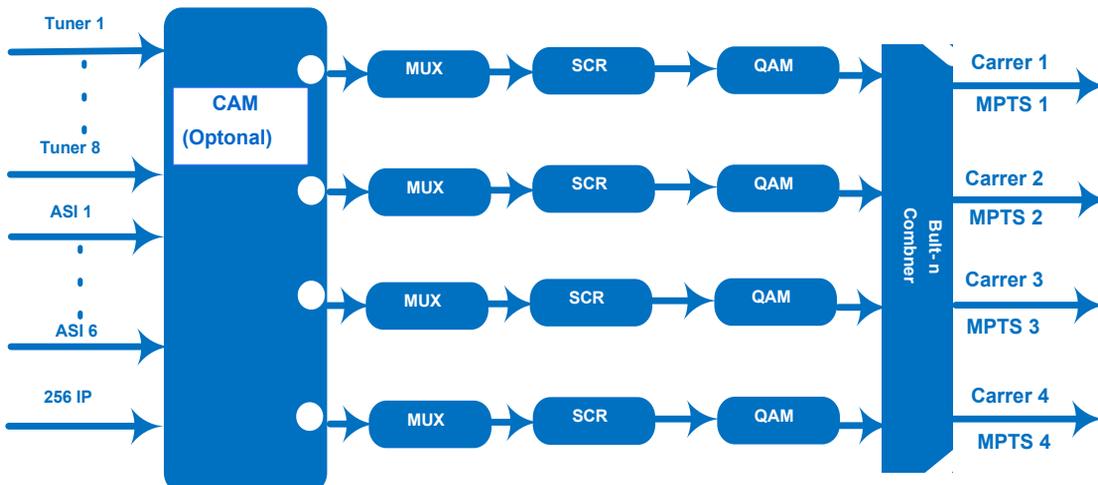


TECHNICAL /FEATURES

Key Features:

- Multiple Input ports optional: 4 DVB-C/S/S2 Tuner with CAM+6 ASI input ports
- Support 4 channels multiplexing+4 channels scrambling+4 channels QAM modulating
- Fully support DVB-C (EN300 429) and ITU-T J.83A/B/C
- Fully support DVB general scrambling system description ETR289, simulcrypt standard ETSI 101 197 and ETSI 103 197
- Support accurate PCR adjusting
- Support PSI/SI editing and inserting
- Excellent RF output performance index, MER \geq 40db
- Support 4*MPTS output over UDP
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- Support BISS descrambling(only for Version 2)
- Support LCD display and keyboard
- Support Web management, Updates via web and USB

Working Principle :



Specifcatons

Input	4 DVB-C/S/S2 Tunerwth CAM + 6 ASI			
Tuner Section	DVB-C	Standard	J.83A(DVB-C), J.83B, J.83C	
		Input Frequency	30MHz-1000Mhz	
		Constellaton	16/32/64/128/256 QAM	
	DVB-S	Input Frequency	950-2150MHz	
		Symbol rate	2-45Msps	
		Sgnal Strength	-65~-25dBm	
		FEC Demodulaton	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	
		Demodulaton Mode	QPSK, 8PSK	
	Multiplexng	Max mum PID Remappng	128 per nput channel	
	Functon	PID remappng (automatcally or manually)		
		Accurate PCR adjustng		
		Generate PSI/SI table automatcally		
Scramblng	Max mum smulcrypt CA	4		
	Standard	ETSI 101 197, ETSI 103 197		
	Connecton	Local/remote connecton		
Modulaton	QAM Channel	4		
	Standard	EN300 429/ITU-T J.83A/B/C		
	MER	≥40db		
	RF frequency	30~999MHz, 1KHz step		
	RF output level	-10~0dbm,0.1db step -----Verson 1 -20~0dbm,0.1db step -----Verson 2		
	Symbol Rate	5.0Msps~9.0Msps, 1ksps steppng		
		J.83A	J.83B	J.83C
	Constellaton	16/32/64/128/256QAM	64/256 QAM	64/256 QAM
	Bandwdth	8M	6M	6M
System	Local nterface	LCD + control buttons		
	Remote management	Web NMS		
	Stream Out	4*MPTS over UDP out (RJ45, 1000M, Uncast/Multcast)		
	Language	English and Chnese		
	Software Upgradng	Web and USB		
General	Dmension (W*D*H)	482mm×300mm×44.5mm		
	Temperature	0~45°C (Operaton) ; -20~80°C (Storage)		
	Power	AC 100V±1050/60Hz ; AC 220V±10%, 50/60HZ		