



DigiSAT DSTM-084CI



TECHNICAL /FEATURES

Key Features:

DSTM-084CI is a high performance and cost-effective DVB-C modulator designed by DigiSAT.

It has 8 tuner inputs, after multiplexing, scrambling and modulating process, then it gives 4 DVB-C

Non-adjacent carriers 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, the four CAMs/CIs

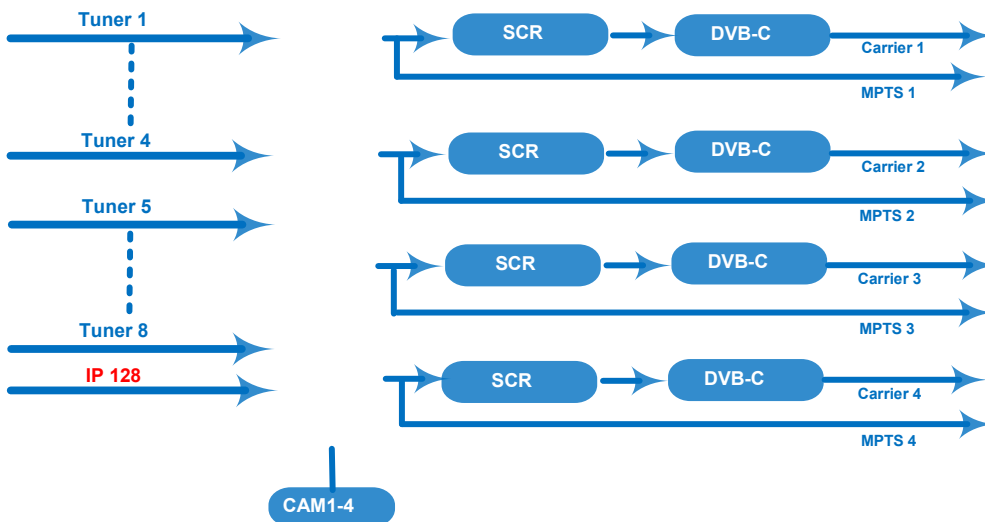
accompanied and BISS modules can descramble the programs input from 8 Tuner and IP input.

DSTM-084CI can be upgraded and controlled through network system, which allows it to be

Widely used in setting up digital broadcasting network and very adaptable to newly generation

CATV broadcasting system.

Support Web management, Updates via web and USB



Specifications

Input	8 DVB-C/S/S2 Tuner with 4 CAM			
Tuner Section	DVB-C	Standard	J.83A(DVB-C), J.83B, J.83C	
		Input Frequency	30MHz-1000MHz	
		Constellation	16/32/64/128/256 QAM	
	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	
		Demodulation Mode	QPSK, 8PSK	
	Multiplexing	Max mum PID Remapping	128 per input channel	
	Function	PID remapping (automatically or manually)		
		Accurate PCR adjusting		
		Generate PSI/SI table automatically		
Scrambling	Max mum smulcrypt CA	4		
	Standard	ETSI 101 197, ETSI 103 197		
	Connection	Local/remote connection		
Modulation	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 -----Version 1		
		-20~0dbm,0.1db step -----Version 2		
	Symbol Rate	5.0Msps~9.0Msps, 1ksps stepping		
		J.83A	J.83B	J.83C
	Constellation	16/32/64/128/256QAM	64/256 QAM	64/256 QAM
	Bandwidth	8M	6M	6M
System	Local interface	LCD + control buttons		
	Remote management	Web NMS		
	Stream Out	4*MPTS over UDP out (RJ45, 1000M, Uncast/Multicast)		
	Language	English and Chinese		
	Software Upgrading	Web and USB		
General	Dimension (W*D*H)	482mm×300mm×44.5mm		
	Temperature	0~45°C (Operation) ; -20~80°C (Storage)		
	Power	AC 100V±10%/50/60Hz ; AC 220V±10%, 50/60HZ		