



EKSELANS BY ITS



CM TRANSMODULATOR MODULE UNIVERSAL INPUT - DVB-T / DVB-C PROGRAMABLE OUTPUT CM 2STC-TC / CM 3STC CI-TC / CM 4STC-TC

Modules TWIN, TRIPLE & QUAD with universal DVB-S/S2/T/T2/C independent inputs
Models with USB for .TS playing
Independent control of each tuner 13V/18V – 22 KHz – DiSeqc (A/B/C/D)
COFDM / QAM programmable output
Excellent quality output signal (High MER) and high output level
Flexible service remultiplexing on each output MUX and LCN / LCN HD insertion
Editing NIT tables, SID remapping and passing or deleting EMM messages and CAT tables
Programming via Software PC "CM Management"
Configuration cloning and reports
In person (via FA 524 / CM PR) or remote (via FA 524) management



CM 2STC-TC



CM 3STC CI-TC



CM 4STC-TC

Reference		CM 2STC-TC	CM 3STC CI-TC	CM 4STC-TC
Code		082017	082027	082013
Input				
Number of tuners		2 (A,B)	3 (A,B,C)	4 (A1, B1, A2, B2)
Input connectors		2 SAT + 2 TER/ CAB	3 SAT + 3 TER/ CAB	4 SAT + 4 TER/ CAB
Reception DVB-S/S2				
Input frequency	MHz		950 - 2150	
Input level	dBμV		43-83	
Modulation			QPSK / 8PSK	
Symbol rate	MSps		1...45	
Remote feeding	Vdc / KHz		13-18 / 0-22	
DiSeqc			A / B / C / D	
Reception DVB-T/T2				
Input frequency	MHz		110 - 862	
Input level	dBμV		33-88	
Constellation - Mode			QPSK, 16, 64, 256QAM 1K, 2K, 4K, 8K, 16K, 32K	
Reception DVB-C				
Input frequency	MHz		110 - 862	
Input level	dBμV		46 - 88	
Constellation - Mode	- / MHz		QPSK, 16, 32, 64, 128, 256QAM 6, 7, 8	
Symbol rate	MSps		0,2 - 7,7	
USB Ports		1 (3.0)	0	2 (3.0)
Common Interface				
Slots		-	2	-
Output				
Number of outputs			1	
Loss (Mix Port)	dB		<1,5	
Maximum output level	dBμV		95	
Output regulation	dB		20	
DVB-T Modulation				
Number of channels		3	3	4
Output frequency	MHz		170 - 862	
Constellation - Mode			QPSK, 16QAM, 64QAM - 2K	
FEC			1/2, 2/3, 3/4, 5/6, 7/8	
Guard Interval			1/4, 1/8, 1/16, 1/32	
MER	dB		>35	
DVB-C Modulation				
Number of channels		4	4	4
Output frequency	MHz		50 - 862	
Constellation			16, 32, 64, 128, 256QAM	
Symbol rate	Mbps		4 ... 6,96	
MER	dB		>40	
GENERAL				
Local Programming			Cable USB / RJ45 (LAN)	
Remote programming			RJ45 (Internet) (CM Key)	
Feeding	Vdc		5	
Consumption (Without LNB / CAM)	mA	1600	1700	2600
Operating temperature	°C		0 - 40	