



EKSELANS BY ITS



## CM TRANSMODULATOR MODULES. SATELLITE MULTISTREAM INPUT - DVB-T / DVB-C PROGRAMABLE OUTPUT CM 4SM-TC



QUAD module. Up to 4x DVB-S/S2/S2X satellite transponders input. Supports multistream  
4x Input Frequencies (Transponders)

Independent control of each tuner 13V/18V – 22 KHz – DiSEqC (A/B/C/D)

Flexible service remultiplexing on each output MUX

Editing NIT tables, SID remapping and passing or deleting EMM messages and CAT tables

COFDM / QAM programmable output

3x COFDM / 4x QAM output channels

High output level

Excellent quality output signal. High MER

LCN / LCN HD Insertion

Programming through SW PC ("CM Management")

Configuration cloning and reports

In person (via FA 524 / CM PR) or remote (via FA 524) management

Reference		CM 4SM-TC
Code		082029
Input		
Number of tuners		4 (A, B, C, D)
Input connectors and LOOP		4 / 0
Input frequency	MHz	950 - 2150
Input level	dBμV	40 - 79
Channel bandwidth	MHz	36
Symbol rate	MSps	1 - 45
Modulation type		QPSK / 8PSK / 16APSK / 32APSK
Remote feeding	V / KHz	13/18 - 0/22
Diseqc		A / B / C / D
Output		
Number of outputs		1
MIX Port	dB	<1,5
Output frequencies	MHz	170 - 862
Maximum output level	dBμV	95
Output regulation	dB	20
DVB-T Modulation		
Number of channels		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
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)	mA	2000
Operating temperature	°C	0 - 40



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