



EKSELANS BY ITS



CM TRANSMODULATOR MODULES. MULTI INPUT - DVB-T / DVB-C PROGRAMABLE OUTPUT CM 4AV-TC / CM 4HD-TC

- Modules QUAD to DVB-T / DVB-C
- 4 independent inputs
- Adjustment of coding parameters
- Flexible service remultiplexing on each output MUX
- SID remapping
- LCN / LCN HD Insertion
- High output level
- COFDM / QAM programmable output
- Excellent quality output signal. High MER
- Programming via Software PC "CM Management"
- Configuration cloning and reports
- Remote control integrated in the FA 524 source using CM KEY

Reference		CM 4AV-TC	CM 4HD-TC
Code		082003	082004
Input			
Number of inputs		4 (A1, B1, A2, B2)	4 (A, B, C, D)
A/V			
Video		CVBS	-
Input level	Vpp	0,7 - 1,4	-
Impedance	Ω	75	-
Video compression		MPEG2	-
Video bitrate	Mbps	4 - 12	-
Audio compression		MPEG1 Layer 2	-
Audio bitrate	Kbps	128 - 384	-
HDMI			
Video / Bitrate	- / Mbps	-	H.264 / 5 - 15
Audio / Bitrate	- / Kbps	-	AAC-LC, MPEG1-L2 / 128 - 384
Maximum resolution		-	1080p
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		1	2
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		2	2
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	mA	2060	3000
Operating temperature	°C	0 - 40	



CM 4AV-TC



CM 4HD-TC