

### Features and Benefits

- » Transmodulator of 6 DVB-S/S2 channels to 6 DVB-T channels- perfect for VAST to COFDM solutions
- » USB-interface to feed in any video content to multiplex into output channels for in house advertising etc
- » 4 CI slots for central decryption
- » Multiplex functionality at the input and output
- » LCN / NIT processing
- » Programming via web interface or Smartphone and tablet access via Bluetooth



# 6x DVB-S/S2 to 6x DVB-T and 4x CI Transmodulator 14MM-OM10-DVBS



*For the Best*

## 14MM-OM10-DVBS Specifications

Input	
Impedance	75 Ω
Input frequency range	950...2150 MHz
Input frequency steps	1 MHz
Input level range	50...90 dBμV
Modulation DVB-S	QPSK
Symbol rate DVB-S	1...53 MSps
Modulation DVB-S2	QPSK, 8PSK (EN 302 307), 16APSK, 32 APSK
Symbol rate DVB-S2	1...53 MSps (QPSK); 1...45 MSps (8PSK); 1...35 MSps (16APSK); 1...28 MSps (32APSK)
CI Processing	
Number of PCMCIA slots	4
TS Processing	
TS stuffing	Yes
SI-Table handling	Yes
NIT handling	Yes
PID remapping	Yes
COFDM Processing	
Constellations	QPSK, 16-, 64-QAM
FEC	1/2, 2/3, 3/4, 5/6, 7/8
Guard Interval	1/8, 1/16, 1/32
FFT Mode	2k, 8k
MER	>40 dB
Output	
Impedance	75 Ω
Output frequency range	110...862 MHz
Output frequency steps	1 MHz
Output level	85...100 dBμV
Number of Channels	6 pcs.
Channel allocation	adjacent (1 x 6)

Return loss	≥14 dB (45 MHz), 1,5 dB/ Octave but >10 dB
Output attenuation	0...15 dB (1 dB step)
Connectors	
F-socket	5 pcs. (4x Input, 1x Output)
RJ45	1 pcs.
USB	1 pcs.
Power	DC connector
General data	
Supply voltage	110...240 V (50/60 Hz)
Dimensions (WxHxD)	272 x 196 x 75 mm
Power consumption	Typ. <40 W (Max. 50 W with 4 LNBS)
Operating temperature range	5...45 °C
Packaging data	
Sales unit	1 pcs.
Dimensions (WxHxD) sales unit	340 x 285 x 175 mm
Packaging volume sales unit	dm <sup>3</sup>
Gross weight sales unit	2,6 kg
Shipping unit	1 pcs.