Matchmaster
TV Reception Systems
For the Best

Terra MI520 allows the modulation of multiple transport streams from IP sources to a DVB-T/C output to allow viewing of services on your TV's. This could be standard services from an IPTV network or could be IP cameras directly from a CCTV network. The MI520 also allows auto discovery and control of IP CCTV cameras.

Features and Benefits

» Conversion of TSoIP input signal to 2 x DVB-T/DVB-C modulated channels

» Supports both MPTS and SPTS inputs with any input to any output with PCR re-stamping

» IP camera discovery and control tool built in

» Supports UDP, RTP and RTSP protocol

» WEB based UI for control and configuration

» RTSP protocol of video H.264/H.265 and audio AAC conversion to transport stream

TERRA

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14MM-MI520 Specifications

Standard	IEE802.3 10/100 BaseT			
Bit rate	≤ 80 Mbit/s			
Protocols	UDP / RTP / RTSP			
MPTS, SPTS	Yes			
Number of channels	2			
Standard	DVB-T	ISDB-T	DVB-C	J.83B
Modulation	QPSK/QAM16/QAM64	QPSK/QAM16/QAM64/DQPSK	QAM16/QAM32/QAM64/QAM128/QAM256	QAM64/QAM256
Frequency range	174-230 Mhz, 470-862 Mhz		96-862 MHz	
Channel allocation	adjacent			
Level/impedance	90 dBμV/75Ω			
Mer	≥35 dB		≥40 dB	
Channel bandwidth	7/8 MHz	6 MHz	1.15...8.3 MHz	6 MHz
Guard interval	1/4, 1/8, 1/16, 1/32		-	
Code rate	1/2, 2/3, 3/4, 5/6, 7/8		-	
Symbol rate	-		1...7.2 Msps	5.057/6.36 Msps
Transmission mode	2K		-	
Total output level adjustment	0 ÷ 30 dB by 1 dB step			
Loop through frequency range/loss	45-862 MHz / ≤ 2.5 dB			
Management port	standard IEE802.3 10/100 BaseT (the same as stream input)			
UI language	multilingual			
Current consumption	12 ± 1 V 375 mA (MI520)			
Power consumption	100-240 V ˜ 50/60 Hz 5.5 W (MI520P)			
Operating temperture range	0°÷ + 40°C			
Dimensions/weight(packed)	133x63x39 mm/0.18kg (MI520); 133x63x39mm/0.26kg (MI520P)			

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