

Type	MK 8-00	MK 8-06	MK 16-00	MK 16-06
Inputs				
Number of tuner	8 × DVB-S/S2/S2x/T/T2/C	8 × DVB-S/S2/S2x/T/T2/C	16 × DVB-S/S2/S2x/T/T2/C	16 × DVB-S/S2/S2x/T/T2/C
Connector	8 × F-female	8 × F-female	16 × F-female	16 × F-female
Frequency range	900...2150 MHz @ DVB-S/S2/S2X 50...898 MHz @ DVB-C 50...898 MHz @ DVB-T/T2			
Channel bandwidth	5/6/7/8 MHz @ DVB-T/T2	5/6/7/8 MHz @ DVB-T/T2	5/6/7/8 MHz @ DVB-T/T2	5/6/7/8 MHz @ DVB-T/T2
Input level	43...84 dBμV @ DVB-S/S2/S2X 49...84 dBμV @ DVB-C 39...84 dBμV @ DVB-T/T2			
LNB voltage	13/17 V; 22 kHz on/off; DiSEqC 1.0			
Max. LNB current	150 mA per input 1000 mA per device			
CI slots	-	6	-	6
Input modulation				
Type	QPSK/8PSK/ 8APSK/16APSK/32APSK @ DVB-S/S2/S2X QAM16, QAM32, QAM64, QAM128, QAM256 @ DVB-C QPSK, QAM16, QAM66 @ DVB-T QPSK, QAM16, QAM64, QAM256 @ DVB-T2			
Compliance	DVB-S = EN 300 421 DVB-S2 = EN 302 307-1V1.4.1 DVB-S2X = EN 302 307-2V1.1.1 DVB-C = EN 300 429/ITU-TJ.83 Annex A/C DVB-T = EN 300 744 DVB-T2 = ETSI EN 302 755			
Supported input transport streams	MPEG-2 ISO/IEC 13818 MPEG-4 ISO/IEC 14496			
Error correction	auto			
Symbol rate	1,5...45 MS/s (<40MSymbol/s in 32APSK) @ DVB-S 1...7,2 Mbaud @ DVB-C			
Transportstreams				
Modifiable program information	Program name, SID remapping, PID remapping, PID filtering* TSID, ONID			
LCN	Yes			
NIT handling @ DVB-C	auto off manual*			
Encryption	DVB-CSA, DVB-CISSA, ATIS-IDSA, AES-ECB, AES-CBC			
Output				
Number of channels	8 × DVB-C/DVB-T	8 × DVB-C/DVB-T	16 × DVB-C/DVB-T	16 × DVB-C/DVB-T
Frequency range	109...1006 MHz @ DVB-C 109...862 MHz @ DVB-T			
Channels selectable	52...K87 @ DVB-C 52...K69 @ DVB-T			
Channel bandwidth	7 MHz, 8 MHz @ DVB-T	7 MHz, 8 MHz @ DVB-T	7 MHz, 8 MHz @ DVB-T	7 MHz, 8 MHz @ DVB-T
Possible frequency shift	-4...+4 MHz (0.5 MHz steps)			
Connector	1 × F-female			
Test port	1 × F-female (-30 dB)			
Impedance	75 Ω			
Output level adjustable	80...100 dBμV @ DVB-C 77...98 dBμV @ DVB-T			
Output modulation				
Compliance	DVB-T (EN 300 744) DVB-C (EN 300 429/ITU-TJ.83 AnnexA/C)			
Type	32QAM, 64QAM, 128QAM, 256-QAM @ DVB-C 16QAM, 64QAM @ DVB-T			
MER	≥ 40 dB @ DVB-C ≥ 36 dB @ DVB-T			
Bit rate, max	50,87 Mbps @ DVB-C 31,668 Mbps @ DVB-T			
FFT	2K mode @ DVB-T			
FEC	1/2, 2/3, 3/4, 5/6, 7/8 @ DVB-T			
Guard interval	1/4, 1/8, 1/16, 1/32			
Symbol rate	1...7,5 MBauds/s			
Interfaces				
Control/CAS	1 × RJ-45			
Compliance Control/CAS	IEEE 802.3, 100 Base-T			
Supported configuration protocols	HTTP, SNMP v1, SNMP, v2c, AXING SMARTPortal**			
General				
Operating voltage	100...240 VAC/50...60 Hz			
Power consumption	50 W	50 W	60 W	60 W
Equipotential bonding connection	4 mm ²			
Operating temperature range (acc. to EN 60065)	-10°C...+50°C			
Dimensions (W × H × D) appr.	480 × 253 × 47 mm			
Weight	2,55 kg	2,80 kg	2,90 kg	3,15 kg
Comments	* with software extension only ** encrypted, cloud-based application for configuration, monitoring and remote maintenance			