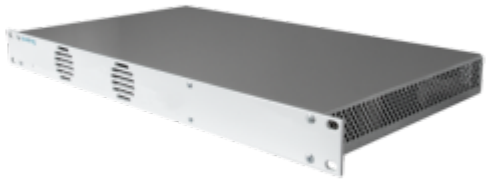
MIP 4-00L Multituner | IPTV quattro streamer | FTA



- ✔ 4 independent multituner inputs
- ✔ Transmodulates 4 × DVB-S/S2/S2X/T/T2/C into 128 SPTS/4 MPTS
- ✔ GbE-interface with max. 900 Mbps
- ✔ Web-based configuration, remote maintenance (SMARTPortal)
- ✔ Supports SNMPv1 and SNMPv2c
- ✔ M3U playlist for the TV/radio programs of the transport stream
- ✔ Class A according to EN 50083-2
- ✔ 19" housing, 1RU
- ✔ One power supply

Order information

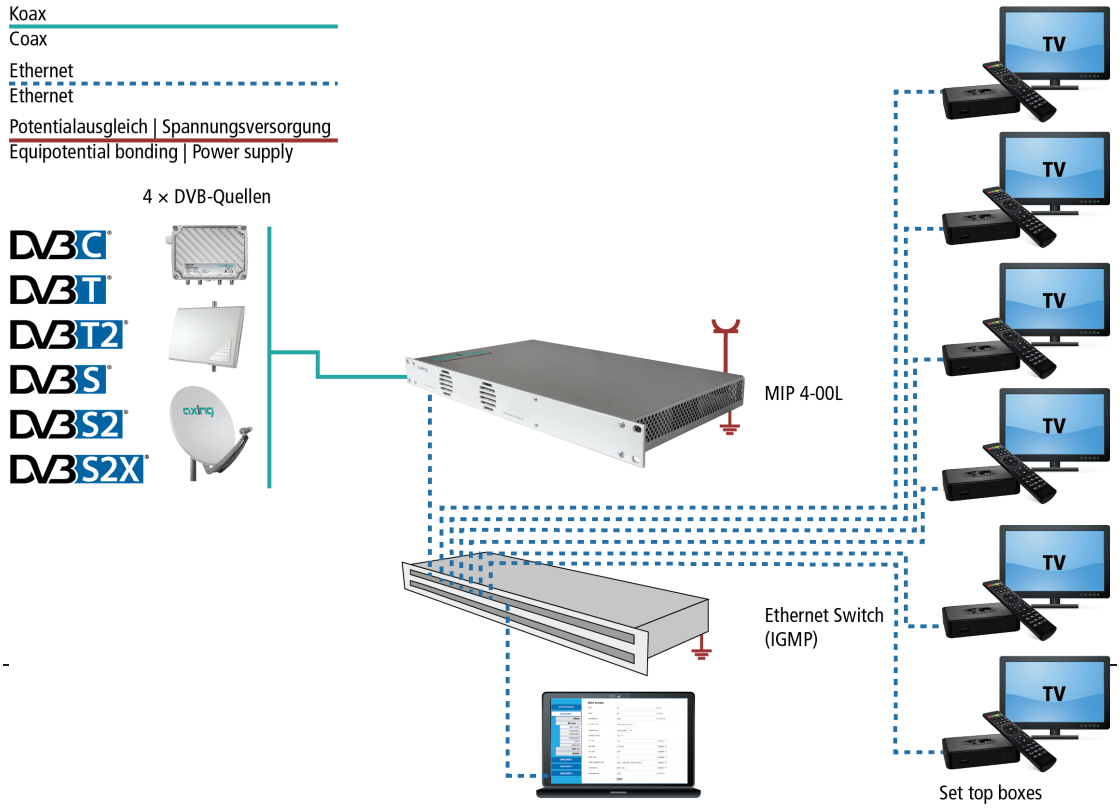
Type	MIP 4-00L
Order no.	MIP00400L
GTIN	7611682008197
PE	1
VE	1
EU customs tariff number	85176990

Technical data

Inputs	
Number of tuners	4 × DVB-S/S2/S2X/T/T2/C
Connector	4 × F-female
Frequency range	900…2150 MHz @ DVB-S/S2/S2X 50…898 MHz @ DVB-C 50…898 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	250 mA per input 1000 mA per device
Input modulation	
Type	QPSK, 8PSK, 8APSK, 16APSK, 32APSK @ DVB-S/S2/S2X QAM16, QAM32, QAM64, QAM128, QAM256 @ DVB-C QPSK, QAM16, QAM64 @ 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 (< 40 MS/s in 32APSK) @ DVB-S/S2/S2X 1...7.2 Mbaud @ DVB-C
Transportstreams	
Modifiable program information	Program name, SID remapping, PID remapping, PID filtering* TSID, ONID
LCN	Yes
Encryption	DVB-CSA*, DVB-CISSA*, ATIS-IDSA*, AES-ECB*, AES-CBC*
IP output	
Transportstreams	124 × SPTS | 4 × MPTS
Total net data rate	900 Mbps
Data rate per tuner	125 Mbps
Supported transport protocols	UDP
Supported application protocols	RTP
Interfaces	
Ethernet connectors	2 × RJ-45
Ethernet standards	IEEE 802.3, 100 Base-T @ Control IEEE 802.3, 1000 Base-T /1 GbE @ IPTV OUT

Supported configuration protocols	HTTP, SNMP v1, SNMP v2c, AXING SMARTPortal**
General	
Operating temperature range (acc. to EN 60065)	-10°C…+50°C
Operating voltage	100…240 VAC/50…60 Hz
Switching power supply	1
Power consumption	70 W
Dimensions (W × H × D) appr.	480 × 47 × 253 mm
Comments	* with software extension only ** encrypted, cloud-based application for configuration, monitoring and remote maintenance

Example of use



Suitable products

MKS 1-01 Software extension for PID filtering
MKS 1-02 Software extension for CASimulcrypt