MIE 1-24N Compact EdgeQAM | 24 × DVB-C/DVB-T

- ✔ EdgeQAM system in a compact housing
- ✔ One IPTV input (900 Mbps)
- ✔ Supports SPTS and MPTS (also mixed)
- ✔ Transmodulates max. 512 SPTS or 16 MPTS in 24 × DVB-C (J.83 Annex A/C) or 24 × DVB-T output channels
- ✔ Re-Multiplexing and PID Filtering
- ✔ Web-based configuration, suitable for AXING SMARTPortal
- ✔ Supports SNMPv1 and SNMPv2c
- ✔ Housing for wall mounting
- ✔ External power supply unit included

Order information

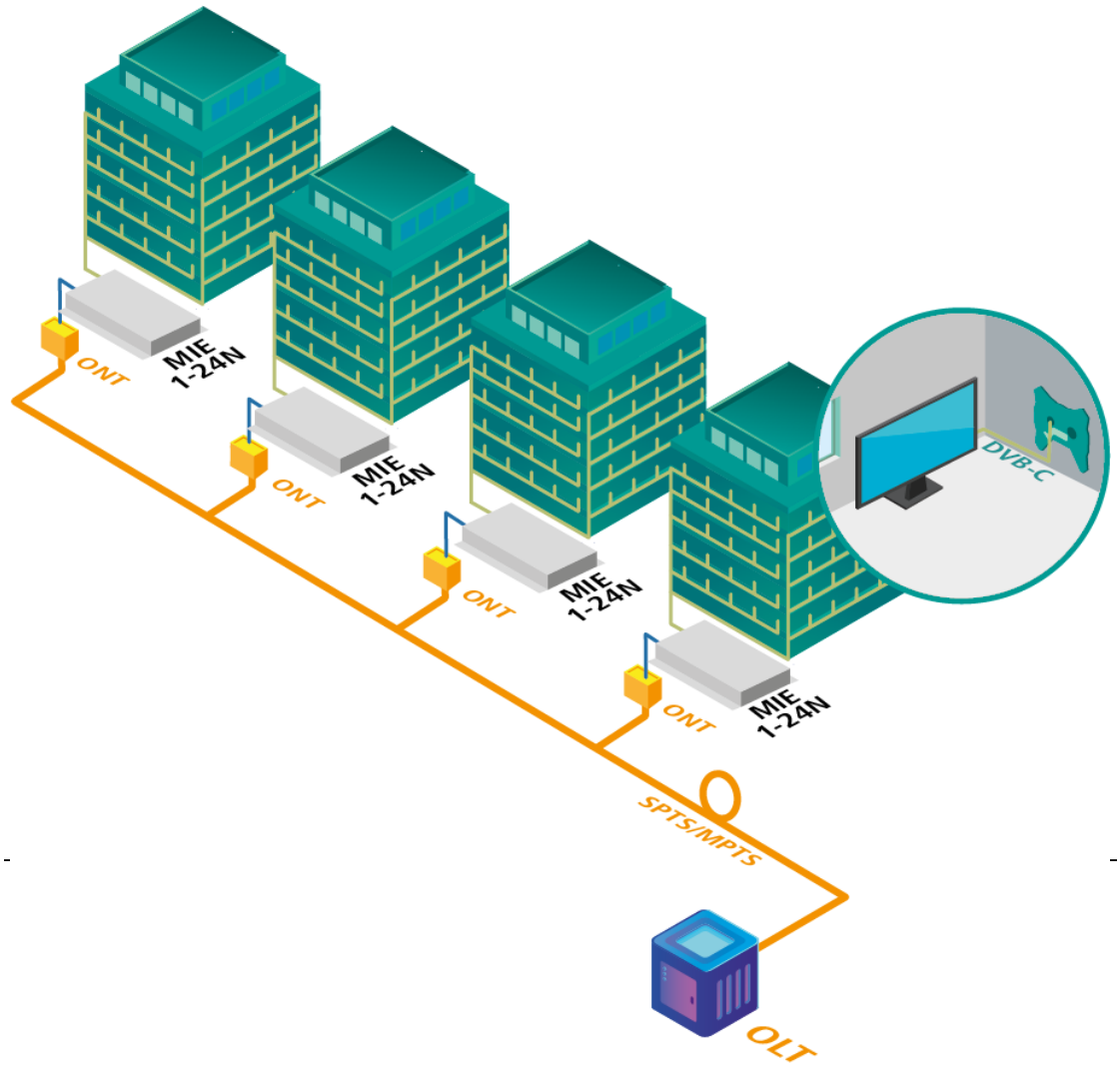
Type	MIE 1-24N
Order no.	MIE00124N
GTIN	7611682401431
PE	1
VE	1
EU customs tariff number	85176990

Technical data

IP input	
Max. number (out of SPTS or MPTS)	512
Total net data rate	1 × 900 Mbps
Transportstreams	
Modifiable program information	Program name, SID remapping, PID filtering, TSID, ONID
PCR correction	automatic, adaptive, <500 ns
LCN	Yes
NIT handling @ DVB-C	auto | manual* | off
EPG regeneration	Yes
Encryption	DVB-CSA* | DVB-CISSA* | ATIS-IDSA* | AES-ECB* | AES-CBC*
Output	
Number of channels	24 DVB-C 24 DVB-T
Frequency range	109 … 1006 MHz @ DVB-C 109 … 862 MHz @ DVB-T
Channels selectable	S2…K87 @ DVB-C S2…K69 @ DVB-T
Channel bandwidth	7/8 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…105 dBµV @ DVB-C 77…102 dBµV @ DVB-T
Output modulation	
Compliance	EN 50083-9 | ETSI TS 101 154 | ETSI EN300 429 | ETSI EN 300 744 | ITU-T J.83A/C
Type	QAM32, QAM64, QAM128, QAM256 @ DVB-C QPSK, QAM16, QAM64 @ DVB-T
Supported output formats	MPEG-2/H.262, MPEG-4/H.264 and HEVC/H.265
MER	≥ 40 dB @ DVB-C ≥ 36 dB @ DVB-T
BER	< 9 x 10-9
Roll off	15 %
Shoulder attenuation	≥ 56 dB
C/N	≥45 dB
Reflection	>14 dB
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 @ DVB-T
Symbol rate	1 … 7.5 MBaud/s
Interfaces	
Ethernet connectors	4 x RJ45
Ethernet standards	IEEE 802.3, 100 Base-T @ Control IEEE 802.3, 1000 Base-T /1 GbE @ IPTV IN1, IPTV IN2, CAS
Supported configuration protocols	HTTP, SNMP v1, SNMP v2c, AXING SMARTPortal**
General	
Operating temperature range (acc. to EN 60065)	–10°C…+50°C
Storage temperature range (acc. to EN 60065)	–20 °C…+80 °C
Operating voltage	12 … 16 VDC
Power consumption	40 W
Equipotential bonding connection	4 mm2
Dimensions (W × H × D) appr.	179 × 50 × 274
Weight	1.110 kg
External accessories	
Switching power supply	100 … 240 VAC/50 … 60 Hz | 16 VDC/3.5 A
General	
Comments	* with software extension only ** encrypted, cloud-based application for configuration, monitoring and remote maintenance

Example of use



Suitable products

MKS 1-00 Software extension to edit a NIT
MKS 1-01 Software extension for PID filtering
MIS 1-11 Software extension for MIE module redundancy
MKS 1-02 Software extension for CASimulcrypt