

MIE 8-00 IPQAM



- ✓ Modular EdgeQAM system, includes 1 module
- ✓ Two redundant IPTV inputs (900 Mbps)
- ✓ Supports SPTS and MPTS (also mixed)
- ✓ Transmodulates max. 512 input streams in 8 × DVB-C (J.83 Annex A/C) or 6 × DVB-T output channels
- ✓ Re-Multiplexing and PID Filtering
- ✓ Program duplication
- ✓ Device redundancy configurable (software extension required)
- ✓ OTA upgrade e.g. for Set Top Boxes possible
- ✓ Interface for CASimulcrypt Server (software extension required)
- ✓ Web-based configuration, suitable for AXING SMARTPortal
- ✓ Supports SNMPv1 and SNMPv2c
- ✓ 2 × redundant power supply units (also available as 36...60 VDC version)
- ✓ 19" housing, 1RU

Order information

| | |
|--------------------------|---------------|
| Type | MIE 8-00 |
| Order no. | MIE00800 |
| GTIN | 7611682007299 |
| PE | 1 |
| VE | 1 |
| EU customs tariff number | 85176990 |

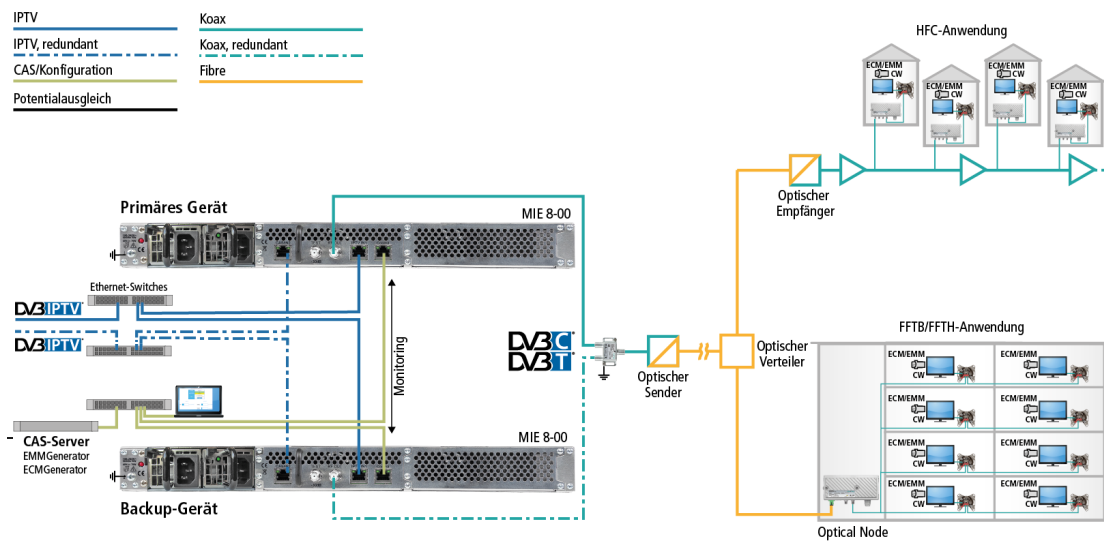


Technical data

| IPTV input | |
|-----------------------------------|---|
| Supported input transport streams | SPTS, MPTS (CBR/VBR) |
| Max. number (out of SPTS or MPTS) | 512 |
| Supported protocols | IP V4; UDP; RTP; IGMP v2, v3 |
| Total net data rate | 1 × 900 Mbps |
| Transportstreams | |
| Modifiable program information | Program name, SID remapping, PID filtering, TSID, ONID |
| PCR correction | automatic adaptive PCR-correction, <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 | 1 × 8 @ DVB-C 1 × 6 @ 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 |
| 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 | ≥ 9x10 ⁻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 (LAN) | 3 × RJ45 |
| Ethernet standards | IEEE 802.3, 100 Base-T @ Control IEEE 802.3, 1000 Base-T /1 GbE @ IPTV IN1, CAS/IN2 |
| Software control and upgrading | Via Remote Access |
| Supported configuration protocols | HTTP, SNMP v1, SNMP v2c, AXING SMARTPortal** |
| General | |
| Operating voltage | 100...240 VAC/50...60 Hz 48 VDC |
| Switching power supply | 2 (redundant) |
| Power consumption | 30 W |
| Equipotential bonding connection | 4 mm ² |
| Operating temperature range (acc. to EN 60065) | -10°C...+50°C |
| Storage temperature range (acc. to EN 60065) | -20 °C...+80 °C |
| Dimensions (W × H × D) appr. | 480 × 43 × 275 mm |
| Weight | 3.150 kg |
| Comments | * with software extension MKS 1-02 only ** encrypted, cloud-based application for configuration, monitoring and remote maintenance |

Example of use



Suitable products

[MIS 8-16 Software extension for MIE 8-00 and MIE 8-00N](#)

[MIM 16-00 Extension module for MIE 8-00 or MIE 16-00](#)

[MIS 1-11 Software extension for MIE module redundancy](#)

[MKS 1-02 Software extension for CASimulcrypt](#)