

MIE 432-02N IP to 4 × DVB-T2 | 32Kext | 50.34 Mbps



- ✓ Modular system, includes 1 module
- ✓ Two redundant IPTV inputs (900 Mbps)
- ✓ Supports SPTS and MPTS (also mixed)
- ✓ Transmodulates max. 512 input streams in 4 DVB-T2 output channels
- ✓ FFT max. 32Kext | Bitrate max. 50.34 Mbps
- ✓ Re-Multiplexing and PID Filtering
- ✓ Program duplication
- ✓ Device redundancy configurable**
- ✓ OTA upgrade e.g. for Set Top Boxes possible
- ✓ Interface for CASimulcrypt Server*
- ✓ Web-based configuration, suitable for AXING SMARTPortal
- ✓ Supports SNMPv1 and SNMPv2c
- ✓ Two redundant power supply units (also available as version with 36 ... 60 VDC)
- ✓ 19" housing, 1RU

Order information

| | |
|--------------------------|---------------|
| Type | MIE 432-02N |
| Order no. | MIE43202N |
| GTIN | 7611682400151 |
| PE | 1 |
| VE | 1 |
| EU customs tariff number | 85176990 |



Technical data

| IPTV 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 |
| EPG regeneration | Yes |
| Encryption | DVB-CSA* DVB-CISSA* ATIS-IDSA* AES-ECB* AES-CBC* |
| Output | |
| Number of channels | 1 × 4 × DVB-T2 |
| Frequency range | 114 ... 1006 MHz |
| Channels selectable | D114 ... D1002 |
| Channel bandwidth | 7/8 MHz |
| 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 | 91 ... 105 dBμV |
| Output modulation | |
| Compliance | DVB-T2 (EN 302 755, mode A (single PLP)) EN 50083-9 ETSI TS 101 154 ETSI EN 300 429 ETSI EN 300 744 |
| L1 post signalling | BPSK, QPSK, 16-QAM, 64-QAM |
| Type | QPSK, 16-QAM, 64-QAM, 256-QAM |
| Supported output formats | MPEG-2/H.262, MPEG-4/H.264 and HEVC/H.265 |
| MER | > 43 dB |
| BER | < 9 × 10 ⁻⁹ |
| Shoulder attenuation | > 56 dB |
| C/N | > 45 dB |
| Reflection | < -14 dB |
| Bit rate, max | 50.34 Mbps |
| FFT | 1k, 2k, 4k, 8k, 16k, 32k mode (ext) |

| | |
|--|--|
| FEC type | BCH, LDPC |
| FEC length | 16200, 64800 |
| FEC | 1/2, 3/5, 2/3, 3/4, 4/5, 5/6 |
| Pilot pattern | PP1 ... PP14 |
| Guard interval | 1/4, 1/8, 1/16, 1/32 |
| 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 | 100 ... 240 VAC / 50 ... 60 Hz |
| Switching power supply | 2 (redundant) |
| Power consumption | 30 W |
| Equipotential bonding connection | 4 mm ² |
| Dimensions (W x H x D) appr. | 480 x 43 x 275 mm |
| Weight | 3.150 kg |
| Comments | * with software extension MIS 1-11 only ** * with software extension MKS 1-02 only *** encrypted, cloud-based application for configuration, monitoring and remote maintenance |

Suitable products

[MIM 432-02N Extension module for MIE 432-02N](#)

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

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