

DEV 6811 CMTS/CCAP Indoor



- ✓ Supports DOCSIS and EuroDOCSIS 3.0 / 2.0 standards (3.1 with software extension)
- ✓ For up to 1000 Modems @ DOCSIS 3.0/2.0
- ✓ For up to 300 Modems @ DOCSIS 3.1
- ✓ Licences on delivery: 32 × 8 Bonding for 500 Modems @ DOCSIS 3.0
- ✓ EdgeQAM functionality and DOCSIS 3.1 optional
- ✓ SFP+ interface for uplink (SFP+ module not included in scope of delivery)
- ✓ Web-based configuration
- ✓ Supports SNMP
- ✓ 19 inch housing

Order information

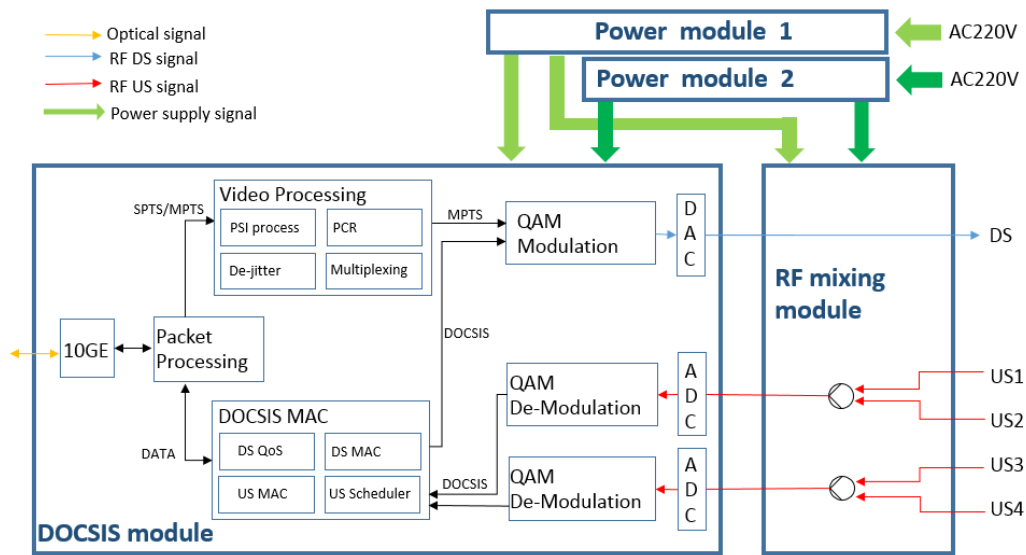
Type	DEV 6811
Order no.	DEV06811
GTIN	7611682400953
PE	1
VE	1
EU customs tariff number	85176200



Technical data

Max. number of modems in the network	1000*
Downstream	
Number of channels	32
Frequency range	87 ... 87/108/258...1218 MHz
Channel bandwidth	6/8 MHz
Modulation	64 ... 1024 QAM
MER	≥ 39 dB @ Equalizer off ≥ 43 dB @ Equalizer on
Upstream	
Number of channels	8
Frequency range	5 ... 65/85/204 MHz
Channel bandwidth	1.6 MHz / 3.2 MHz/ 6.4 MHz
Reception level range	-7...+23 dBmV = +53 ... +83 dBμV @ 6.4 MHz -10...+20 dBmV = +50 ... +80 dBμV @ 3.2MHz -13...+17 dBmV = +47 ... +77 dBμV@ 1.6MHz
Demodulation	QPSK, 16 ... 256 QAM
Interfaces	
SFP	1 × 10GE SFP+
Ethernet connectors	1 × RJ45
Ethernet standards	IEEE 802.3ah, 1000 Base-T
Serial	1 × 115200 bps
Connectors	
Connector type	F-female
Return loss	≥ 14 dB
General	
Operating temperature range	-10 ... +55°C
Operating humidity (non-condensing)	10 ... 95%
Operating voltage	100 ... 240 VAC
Power consumption	70 W
Dimensions (W × H × D) appr.	483 × 44 × 300 mm
Weight	5.500 kg
Comments	* with software extension

Example of use



Suitable products

- [L 250 CM Lizenze for add. 250 DOCSIS 3.1 Modems](#)
- [LD 30-DS-US DOCSIS 3.0 lizenze 16xDS \(DOCSIS/QAM\) 4xUS](#)
- [LD 31-DS DOCSIS 3.1 lizenze 1xDS \(OFDM\)](#)
- [LD 31-US DOCSIS 3.1 lizenze 1xUS \(OFDMA\)](#)
- [LOAM DS Lizenze for 16xDS \(QAM\)](#)
- [CMQ 1-98R Cable modem DOCSIS/EuroDOCSIS](#)
- [CMQ 2-98R Cable gateway DOCSIS/EuroDOCSIS | Wi-Fi](#)
- [SFPB 10-1023 Bidirectional SFP+ Transceiver 10G | 10 km | TX 1270 nm | RX 1330 nm](#)
- [SFPB 10-1032 Bidirectional SFP+ Transceiver 10G | 10 km | TX 1330 nm/RX 1270 nm](#)
- [SFPB 10-2023 Bidirectional SFP+ Transceiver 10G | 20 km | TX 1270 nm | RX 1330 nm](#)
- [SFPB 10-2032 Bidirectional SFP+ Transceiver 10G | 20 km | TX 1330 nm/RX 1270 nm](#)