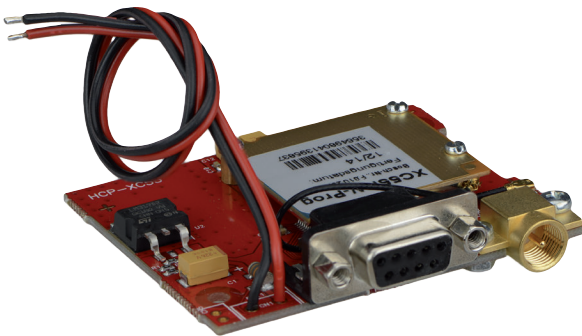


MAP GSM Module

www.boschsecurity.com



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Invented for life



- ▶ Compact GPRS module
- ▶ Wireless data transmission
- ▶ Status LED
- ▶ SUB-D plug for RS-232 serial interface
- ▶ FME Jack (male) for antenna

The ITS-MAP0008 GPRS module is intended to realize a wireless data transmission path in combination with the MAP 5000 panel variants including the IP communicator.

Functions

The MC55i-W module handles all data processing within the XC55 Terminal.

Data transfer

GPRS:

- Multislot class 12
- Full PBCCH support
- Mobile station class B
- Coding scheme 1 – 4

CSD:

- V.110, RLP, non-transparent
- 2.4, 4.8, 9.6, 14.4kbps
- USSD
- PPP-stack for GPRS data transfer

Serial interface

- RS-232 interface, bi-directional bus for AT commands and data
- Multiplex ability according to GSM 07.10 Multiplexer protocol
- Fixed bit rates: 300bps to 230.400bps
- Autobauding: 1.200bps to 230.400bps
- Supports RTS/CTS hardware handshake and software XON/XOFF flow control

Certifications and approvals

Region	Certification	
Germany	VdS	G114801 [ICP-MAP5000-COM]
Europe	CE	[ITS-MAP0008]

Parts included

Quantity	Component
1	GSM Module

Technical specifications

Minimum operating voltage in VDC	8
Maximum operating voltage in VDC	30
Rated voltage in VDC 12	12
Rated current in mA	IDLE mode (GSM/GPRS): 25 GPRS DATA mode: 100
Maximum current consumption in mA (during 577 µs transmission slot every 4.6 ms)	1200
Transmitting properties	
Frequency bands	Quad band: GSM 850/900/1800/1900 MHz
GSM class	Small MS
Transmitting power	Class 4 (+33dBm ±2dB) for EGSM850 Class 4 (+33dBm ±2dB) for EGSM900 Class 1 (+30dBm ±2dB) for GSM1800 Class 1 (+30dBm ±2dB) for GSM1900

Mechanical

Dimension in cm (H x W x D)	5.75 x 6.86 x 1.6
Weight in g	30
Supported SIM card	3V, 1.8V
Antenna	FME connector

Environmental

Minimum operating temperature in °C	-30
Maximum operating temperature in °C	85
Minimum operating temperature in °C (restricted)	-40
Maximum operating temperature in °C (restricted)	90
Protection class	IP30

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	IP31 (built into the MAP Panel Enclosure with an edge protection profile)
Security level	IK04 IK06 (built into the MAP Panel Enclosure with an edge protection profile)

Ordering information

MAP GSM Module

GSM module provides wireless transmission of events to a monitoring station via GPRS.

Order number **ITS-MAP0008**