

Item no.: FMB225

FMB225 - Waterproof GPRS/GNSS Dual-SIM Tracker with RS232, RS485 Interfaces

from **49,11 EUR**

Item no.: FMB225
shipping weight: 0.20 kg
Manufacturer: Teltonika



Product Description

FMB225 - Waterproof GPRS/GNSS Dual-SIM Tracker with RS232, RS485 Interfaces

Teltonika FMB225 is water and dust resistant tracker with internal GNSS and GSM antennas, Bluetooth connectivity and backup battery. FMB225 is designed for communication with various third party RS232 or RS485 devices, like digital fuel sensors (LLS), Garmin navigation device, RFID reader and much more. With Teltonika CAN adapters, FMB225 can be used in agriculture or construction & mining without any risk of water or dust to the device because of IP67 casing. It is totally protected from dust and remains safe during the short periods of immersion in water up to 1 m depth. FMB225 is also excellent for refrigerated transport, because it has extended input/output set and 1-wire interface for temperature monitoring.

Module

- Name: Teltonika TM2500
- Technology: GSM/GPRS/GNSS/Bluetooth

GNSS

- GNSS: GPS, GLONASS, GALILEO, BEIDOU, SBAS, QZSS, DGPS, AGPS
- Receiver: 33 channels
- Tracking sensitivity: -165 dBm
- Position accuracy: < 2.5 CEP
- Velocity accuracy: < 0.1 m/s (within +/- 15% error)
- Hot start: < 1 s
- Warm start: < 25 s
- Cold start: < 35 s

Cellular

- Technology: GSM
- 2G bands: Quad-band 850/900/1800/1900 MHz
- Data transfer: GPRS Multi-Slot Class 12 (up to 240 kbps), GPRS Mobile Station Class B
- Data support: SMS (text/data)

Power

- Input voltage range: 10 - 30 V DC with overvoltage protection
- Internal back-up battery: 170 mAh Li-Ion battery 3.7 V (0.63 Wh)
- Power consumption: At 12 V < 6 mA (Ultra Deep Sleep); At 12 V < 6.5 mA (Deep Sleep); At 12 V < 7 mA (Online Deep Sleep); At 12 V < 12 mA (GPS Sleep); At 12 V < 38 mA (Nominal with no load)

Bluetooth

- Specification: 4.0 + LE
- Supported peripherals: Temperature and humidity sensor, headset, OBDII dongle, Inateck barcode scanner, universal BLE sensors support

Physical Specification

- Dimensions: 70,5 x 67,0 x 25,6 mm (L x W x H); 85,0 x 67,0 x 25,6 mm (L x W x H) (length with connector socket)

Operating environment

- Operating temperature (without battery): -40°C to +85°C
- Storage temperature (without battery): -40°C to +85°C
- Operating humidity: 5% to 95% non-condensing
- Ingress protection rating: IP67
- Battery charge temperature: 0°C to +45°C
- Battery discharge temperature: -20°C to +60°C
- Battery storage temperature: -20°C to +45°C for 1 month; -20°C to +35°C for 6 months

Interface

- Digital inputs: 1
- Digital outputs: 1
- Analog inputs: 1
- CAN adapter inputs: 1
- 1-wire: 1
- RS232: 1
- RS485: 1
- GNSS antenna: Internal GNSS high gain
- Cellular antenna: Internal GSM high gain
- USB: 2.0 Micro-USB
- LED indication: 2x status LED lights
- SIM: Dual SIM
- Memory: 128 MB internal Flash memory

Certification & Approvals*

- Regulatory: CE-RED, E-mark, Reach, RoHS

* in progress

Specifications

**Scan this QR code to
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All details, up-to-date
prices and availability

