

Item no.: FMB240_LV-CAN

FMB240 - Waterproof GPRS/GNSS Tracker with CAN Data Reading Feature, LV-CAN Option

83,42 EUR

Item no.: FMB240_LV-CAN
shipping weight: 0.20 kg
Manufacturer: Teltonika



Product Description

FMB240 - Waterproof GPRS/GNSS Tracker with CAN Data Reading Feature, LV-CAN Option

FMB240 is a waterproof GSM/GNSS/Bluetooth tracker with integrated CAN data processor. It is a compact 2-in-1 solution: GPS tracker and CAN adapter inside! The device allows to read CAN data from a wide range of various vehicles, including agriculture, construction and mining machinery, trucks, buses and any other special transport. Depending on the exact software version, FMB240 can be used in advanced applications as heavy logistics, delivery services, utility transport. Two options are available to fulfill any business demands - LV-CAN200 option and ALL-CAN300 option. Because of the IP67 casing, the device is totally protected from dust and remains safe during the short periods of immersion in water up to 1 m depth. As a result, FMB240 ensure reliable tracking even in harsh conditions.

Module

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

GNSS

- GNSS: GPS, GLONASS, GALILEO, BEIDOU, QZSS, AGPS
- Receiver: Tracking: 33
- 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 < 8 mA (Deep Sleep); At 12 V < 11 mA (Online Deep Sleep); At 12 V < 20 mA (GPS Sleep); At 12 V < 35 mA (nominal with no load); At 12 V < 1.5 A max. (with full load/peak)

Bluetooth

- Specification: 4.0 + LE
- Supported peripherals: Temperature and humidity sensor, 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: 3
- Negative inputs: 1 (digital input 2)
- Impulse Inputs: 2 (digital input 1, digital input 2)
- Digital outputs: 2
- Analog inputs: 2
- CAN adapter inputs: 2
- 1-wire: 1 (1-wire data)
- GNSS antenna: Internal high gain
- GSM antenna: Internal high gain
- USB: 2.0 Micro-USB
- LED indication: 3x status LED lights
- SIM: Micro-SIM + eSIM
- 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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prices and availability

