

Item no.: FMB910

FMB91093IN01 - Smart Tracker with Internal Backup Battery

from **28,10 EUR**

Item no.: FMB910
shipping weight: 0.10 kg
Manufacturer: Teltonika



Product Description

FMB910 - Smart Tracker with Internal Backup Battery

Teltonika FMB910 is a low-cost version of the FMB920 tracker. The main differences are the overall size of the device, different GNSS antenna design, and some components being bigger in size, thus the change in dimensions. The device has all internal antennas that ensure easy installation with no need to wire the antennas. Like other Teltonika trackers, FMB910 is assembled by robots, which eliminates human error and ensures high quality of the device. The tracker has a digital input to monitor ignition or to connect an alarm button. Vehicle remote immobilizing may be achieved using a digital output. Bluetooth connectivity expands peripherals' connectivity even more. Teltonika FMB910 can be used in a variety of applications like basic track and trace or recovery of stolen vehicles. It can be installed in light vehicles, motorbikes, and even trucks.

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: 6 - 30 V DC with overvoltage protection
- Back-up battery: 170 mAh Li-Ion battery (0.63 Wh)

Power Consumption

- Ultra deep sleep: At 12 V < 2 mA
- Deep sleep: At 12 V < 4 mA
- Online deep sleep: At 12 V < 5 mA
- GPS sleep: At 12 V < 6 mA
- Nominal (with no load): At 12 V < 25 mA

Bluetooth

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

Physical specification

- Dimensions: 78,15 x 42,75 x 21 mm (L x W x H)
- Weight: 69 g

Interface

- Digital inputs: 1
- Digital outputs: 1
- Analog inputs: 1
- GNSS antenna: Internal high gain
- Cellular antenna: Internal high gain
- USB: 2.0 Micro-USB
- LED indication: 1x status LED light
- SIM: Micro-SIM
- Memory: 128 MB internal flash memory

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: IP54
- Battery charge temperature: 0°C to +45°C
- Battery discharge temperature: -20°C to +60°C
- Battery storage temperature: -20°C to +35°C for 1 month; -20°C to +30°C for 6 months

Features

- Sensors: Accelerometer
- Scenarios: Green driving, over speeding detection, jamming detection, GNSS fuel counter, DOUT control via call, excessive idling detection, unplug detection, towing detection, crash detection, auto geofence, manual geofence, trip
- Sleep modes: GPS sleep, online deep sleep, deep sleep, ultra deep sleep
- Configuration and firmware update: FOTA Web, FOTA, Teltonika Configurator (USB, Bluetooth), FMBT mobile application (configuration)
- SMS: Configuration, events, DOUT control, debug
- GPRS commands: Configuration, DOUT control, debug
- Time synchronization: GPS, NITZ, NTP
- Fuel monitoring: LLS (analog), OBDII dongle
- Ignition detection: Digital input 1, accelerometer, external power voltage, engine RPM (OBDII dongle)

Certification & Approvals

- Regulatory: CE/RED, E-Mark, EAC, RoHS, MTBF, REACH, ANATEL

Specifications

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