

Item no.: FMB965

## FMB9653E8T01 - Waterproof Tracker With Low Power Consumption

**41,89 EUR**

Item no.: FMB965  
shipping weight: 0.10 kg  
Manufacturer: Teltonika



### Product Description

#### Teltonika FMB965 - Waterproof Tracker With Low Power Consumption

FMB965 is easily fitted waterproof tracker with GNSS/GSM internal antennas, flash memory, integrated 1200 mAh backup battery, accelerometer, 1 digital input, 2 digital outputs and various BLE 4.0 connectivity sensors and beacons support.

Thanks to a rich feature set, large battery and IPX7 casing this BASIC category tracker delivers unquestionable value for the GPS telematics service providers and end-users.

Easily fitted smart tracker designed for tracking motorbikes, SUVs, boats, snowmobiles, jet skis, and trailers where a waterproof case, large internal battery capacity, and low power consumption are important.

- POWER OFF SLEEP MODE: Allows to power off module, which enables the power consumption to be less than 1mA
- IPX7 CASING: Reliable protection against water
- BACK-UP BATTERY: 4.0 Big capacity (1200 mAh) internal battery allows device to work without external power source up to 30 days
- BLUETOOTH 4.0: Bluetooth for external devices and low energy sensors

#### Modules

- Name Teltonika TM2500
- Technology GSM/GPRS/GNSS/BLUETOOTH

#### GNSS

- GNSS GPS, GLONASS, GALILEO, BEIDOU, SBAS, QZSS, DGPS, AGPS
- Receiver 33 channel
- Tracking sensitivity -165 dBm
- Position accuracy < 2.5 CEP
- Velocity accuracy < 0.1m/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
- Back-up battery 1200 mAh Li-Ion battery

#### Bluetooth

- Specification 4.0 + LE
- Supported peripherals Temperature and Humidity sensor, Headset, OBDII dongle, Inateck Barcode Scanner, Uiversal BLE sensors support

#### Physical specification

- Dimensions 79 x 43 x 22 mm (L x W x H)
- 89 x 43 x 22 mm (L x W x H) (length with connector socket)
- Weight 74 g

#### Interface

- Digital inputs 1
- Digital Outputs 2
- GNSS antenna Internal High Gain
- Cellular antenna Internal High Gain
- USB 2.0 Micro-USB
- LED indication 2 status LED lights
- SIM Micro-SIM
- Memory 128MB 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 IPX7
- 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

## Specifications

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