

Template:AWSFMB003

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Document Information

Glossary

- FMB003 (tracker) - GNSS tracking device manufactured by Teltonika Telematics.
- Wiki - Teltonika IoT knowledge base - <https://wiki.teltonika-iot-group.com/>.
- FOTA - Firmware Over The Air.
- Configurator - Tool to configure Teltonika Telematics devices.
- Crowd support forum - knowledge base dedicated for Troubleshooting.

Revision History (Version, Date, Description of change)

Version	Date	Description
v1.5	2023.02.14	Links updated
v1.4	2022.12.19	Minor information update
v1.3	2022.11.29	Page created

Overview

FMB003 is an ultra-small plug and play device dedicated to OBD applications of next generation. The main feature of FMB003 is its possibility to read OEM parameters (PIDs) via OBD port. With this device, you will be able to read Real Odometer and Real Fuel Level data. What's more, our device comes with the supported vehicles and data list, so no need to guess anymore - now you know what data you can read from a specific vehicle.

It is a perfect tracker for a wide range of use cases - including fleet management of light commercial vehicles, driver log-book, insurance telematics (UBI), car rental & leasing and more.

The device supports various BLE 4.0 sensors, beacons, hands-free headsets, firmware and configuration updates via Bluetooth, thus, expanding its already rich set of features.

FMB003 - setting a new standard in OBD tracking!

Currently for MQTT solution evaluation firmware is required to be used - 03.27.10.Rev.520. For firmware supporting MQTT please contact your sales manager or contact directly via Teltonika Helpdesk.

Changes in firmware versions and update information can be found in device wiki page: [FMB003 firmware errata](#)

Hardware Description

DataSheet

FMB003 device data sheet can be downloaded here: [DataSheet](#)

Standard Kit Contents

STANDARD PACKAGE CONTAINS

- 20 pcs. of FMB003 trackers
- Packaging box with Teltonika branding

Teltonika suggest standard order codes for the device purchase, by contacting us, we can create special order code which would fulfill user needs.

More ordering information at: [Ordering](#)

User Provided Items

- Power supply (10-30V).
- MicroUSB to USB A cable.

Set up your Development Environment

Tools Installation (IDEs, Toolchains, SDKs)

FMB003 comes with our created firmware, therefore no additional development or scripting is required for this unit to support AWS IoT. Only by using Teltonika Configurator [FM Configurator versions](#), connection point of AWS IoT server is required.

Other software required to develop and debug applications for the device

For debugging situations, device internal logs can be downloaded OTA by using our [FotaWEB](#) platform or by using Teltonika Configurator.

Set up your hardware

All details about FMB003 can be located in our dedicated wiki page [FMB003 Wiki](#)

- Basic device startup instructions provided in [FMB003 First Start](#).
- Device characteristics, power supply information: [FMB003 General description](#)
- FMB003 firmware change can be performed via [FotaWEB](#) (direct buyer gets access to this platform) or via device [Configurator](#)
- Device LED information: [FMB003 LED Status](#)
- USB driver download, datasheet and quick start guide downloads: [FMB003 Downloads](#)