

Template:AWSFMB120

□

Contents

- [1 Document Information](#)
 - [1.1 Glossary](#)
 - [1.2 Revision History \(Version, Date, Description of change\)](#)
- [2 Overview](#)
- [3 Hardware Description](#)
 - [3.1 DataSheet](#)
 - [3.2 Standard Kit Contents](#)
 - [3.3 User Provided Items](#)
- [4 Set up your Development Environment](#)
 - [4.1 Tools Installation \(IDEs, Toolchains, SDKs\)](#)
 - [4.2 Other software required to develop and debug applications for the device](#)
- [5 Set up your hardware](#)

Document Information

Glossary

- FMB120 (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

FMB120 small and professional tracker with internal high gain GSM and GNSS antennas, which is able to collect device coordinates and other useful data and transfer them via GSM network to server. This device is perfectly suitable for applications where location acquirement of remote objects is needed: fleet management, car rental companies, taxi companies, public transport, logistics companies, personal cars and so on. FMB120 can perform tasks on remote objects, such as monitoring engine status, controlling truck's door etc.

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: [FMB120 firmware errata](#)

Hardware Description

DataSheet

FMB120 device data sheet can be downloaded here: [DataSheet](#)

Standard Kit Contents

STANDARD PACKAGE CONTAINS

- 10 pcs. of FMB120 trackers
- 10 pcs. of Input/output power supply cables (0.9 m)
- 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)

FMB120 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 FMB120 can be located in our dedicated wiki page [FMB120 Wiki](#)

- Basic device startup instructions provided in [FMB120 First Start](#).
- Device characteristics, power supply information: [FMB120 General description](#)
- FMB120 firmware change can be performed via [FotaWEB](#) (direct buyer gets access to this platform) or via device [Configurator](#)

- Device LED information: [FMB120 LED Status](#)
- USB driver download, datasheet and quick start guide downloads: [FMB120 Downloads](#)