

Template:FMP100 firmware errata

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Introduction

We are always improving our device's performance, stability, and reliability. That's why Teltonika is one of the leading GNSS trackers manufacturers in the world.

This document describes **FMBXXX platform** devices firmware improvements, changes, new features implementations as well as current firmware release version.

FIRMWARE VERSION	SUPPORTED HARDWARE
01.00.XX	FMB0YX, FMB9X0
01.01.XX	FMB0YX, FMB9X0, FMB96X
01.03.XX	FMB0YX, FMB9X0, FMB96X
03.01.XX	FMB0YX, FMB9X0, FMB96X, FMB1YX
03.02.XX	FMB0YX, FMB9X0, FMB96X, FMB1YX
03.06.XX	FMB0YX, FMB9X0, FMB96X, FMB1YX, FM30XY
03.07.XX	FMB0YX, FMB9X0, FMB96X, FMB1YX, FM30XY, FMB2YX
03.18.XX	FMB0YX, FMB9X0, FMB96X, FMB1YX, FM30XY, FMB2YX, FMT100
03.25.XX	FMB0YX, FMB9X0, FMB96X, FMB1YX, FM30XY, FMB2YX, FM30XY, FMT100
03.27.XX	FMB0YX, FMB9X0, FMB96X, FMB1YX, FMU1YX, FMM1YX, FMC1YX, FMM001, FMC001, FM30XY, FMB2YX, FMT100

03.29.XX FMB010, FMB020, FMT100, FMP100, FMB900, FMB910, FMB920, FMC920, FMM920, FMB110, FMB120, FMB122, FMB125, FMB130, FMC125, FMC130, FMC13A, FMM125, FMM130, FMM13A, FMB202, FMB204, FMB225, FMB230, FMC225, FMC230, FMM230, FMB001, FMB003, FMC001, FMC003, FMC00A, FMM001, FMM003, FMM00A, FMB140, FMB240, FMB209

Firmware versioning

- Structure

FMB(T).VER.[XX].[YY].[ZZ].Rev.[##]_[ID###]

- Syntax description
 - XX - major FW version.
 - YY - branch number, shows major changes in firmware, i.e. new module support added or new major feature added.
 - ZZ - major changes like bigger fixes, improvements and new features addition.
 - ## - minor changes like small fixes and improvements.
 - ID[###] - Spec ID KEY - Specific clients FW changes.

Firmware versions

FIRMWARE VERSION	RELEASE DATE	CHANGES
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03.29.00.Rev.554	2024.06.30	<ul style="list-style-type: none"> • NEW! TELTONIKA EYE Beacon and EYE Sensor easy configuration functionalities added • NEW! TELTONIKA EYE Beacon Lost & Found and Proximity Event functionalities added • NEW! Back-Up Tracker functionality added • NEW! Low Power Mode functionality added • NEW! MQTT support for AWS IoT Shadow/Custom and Azure IoT added • NEW! BT/BLE interface control in sleep modes functionality added • NEW! NBL-2 Bluetooth RFID reader support added • CHANGED! Reworked recalibration logic • CHANGED! Default parameter values • CHANGED! SMS Event logic reworked • CHANGED! Black list functionality reworked • CHANGED! SMS/GPRS command "cpureset" protection functionality • Operator search procedure functionality improvements • Record saving and sending improvements • GPRS Session and PDP Context Activation logic improvements • Trip state saving improvements • BLE data reading stability improvements • AutoAPN multiple block file improvement for larger database capacity • Manufacture testing improvements • Improved system stability and fixed general bugs
03.28.04.Rev.273 (recommended for FMP100)	2023.09.30	<ul style="list-style-type: none"> • Improved auto-calibration algorithm • Improved eco-driving scenario algorithm • Improved crash detection algorithm • Trip state saving improvements • SMS/GPRS command "cpureset" protection functionality • MQTT support for AWS IoT Shadow/Custom and Azure IoT added • Improved system stability and fixed general bugs • Base firmware version updated

03.27.07.Rev.461	2021.10.18	<ul style="list-style-type: none"> • New Flash memory component support added • Universal Beacons functionality added • Added Beacon On Change functionality • Beacons list expanded to support 50 beacon ID's • BLE AES128 encryption added • Added Ignition On Counter functionality • Added BLE Efento sensor support • Added encrypted record support (TLS) • Added Ban list control functionality • EGTS protocol support added • Added configurable ACK type (TCP/AVL) source feature • Advanced eco driving for all hardware • Device records saving/sending improvements • Towing scenario improvements • SMS Data Sending improvements on events generation • Time synch from NTP/NITZ improvements • Device wake up from sleep modes improvements • General device debug logs capture improvements • BLE whitelist (scan stability improvements) • Battery protection improvements • Improved system stability and fixed general bugs
03.25.15.Rev.132	2020.09.14	<ul style="list-style-type: none"> • FMP100 hardware support • Added Private/Business mode feature