

# 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
<b>01.00.XX</b>	FMB0YX, FMB9X0
<b>01.01.XX</b>	FMB0YX, FMB9X0, FMB96X
<b>01.03.XX</b>	FMB0YX, FMB9X0, FMB96X
<b>03.01.XX</b>	FMB0YX, FMB9X0, FMB96X, FMB1YX
<b>03.02.XX</b>	FMB0YX, FMB9X0, FMB96X, FMB1YX
<b>03.06.XX</b>	FMB0YX, FMB9X0, FMB96X, FMB1YX, FM30XY
<b>03.07.XX</b>	FMB0YX, FMB9X0, FMB96X, FMB1YX, FM30XY, FMB2YX
<b>03.18.XX</b>	FMB0YX, FMB9X0, FMB96X, FMB1YX, FM30XY, FMB2YX, FMT100
<b>03.25.XX</b>	FMB0YX, FMB9X0, FMB96X, FMB1YX, FM30XY, FMB2YX, FM30XY, FMT100
<b>03.27.XX</b>	FMB0YX, FMB9X0, FMB96X, FMB1YX, FMU1YX, FMM1YX, FMC1YX, FMM001, FMC001, FM30XY, FMB2YX, FMT100
<b>100.XX.YY (based on 03.25.XX)</b>	FMB910 Basic

## 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
<b>03.28.04.Rev.273</b> (recommended for FMP100)	2023.09.30	<ul style="list-style-type: none"> <li>• Improved auto-calibration algorithm</li> <li>• Improved eco-driving scenario algorithm</li> <li>• Improved crash detection algorithm</li> <li>• Trip state saving improvements</li> <li>• SMS/GPRS command "cpureset" protection functionality</li> <li>• MQTT support for AWS IoT Shadow/Custom and Azure IoT added</li> <li>• Improved system stability and fixed general bugs</li> <li>• Base firmware version updated</li> </ul>
<b>03.27.07.Rev.461</b>	2021.10.18	<ul style="list-style-type: none"> <li>• <b>New Flash memory component support added</b></li> <li>• <b>Universal Beacons</b> functionality added</li> <li>• Added <b>Beacon On Change</b> functionality</li> <li>• Beacons list expanded to support 50 beacon ID's</li> <li>• <b>BLE AES128</b> encryption added</li> <li>• Added <b>Ignition On Counter</b> functionality</li> <li>• Added <b>BLE Efento sensor</b> support</li> <li>• Added <b>encrypted record</b> support (TLS)</li> <li>• Added <b>Ban list control</b> functionality</li> <li>• <b>EGTS protocol</b> support added</li> <li>• Added configurable <b>ACK type (TCP/AVL)</b> source feature</li> <li>• <b>Advanced eco driving</b> for all hardware</li> <li>• Device records saving/sending improvements</li> <li>• Towing scenario improvements</li> <li>• SMS Data Sending improvements on events generation</li> <li>• Time synch from NTP/NITZ improvements</li> <li>• Device wake up from sleep modes improvements</li> <li>• General device debug logs capture improvements</li> <li>• BLE whitelist (scan stability improvements)</li> <li>• Battery protection improvements</li> <li>• Improved system stability and fixed general bugs</li> </ul>
<b>03.25.15.Rev.132</b>	2020.09.14	<ul style="list-style-type: none"> <li>• FMP100 hardware support</li> <li>• Added Private/Business mode feature</li> </ul>