

# 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.

<b>FIRMWARE VERSION</b>	<b>SUPPORTED HARDWARE</b>
<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

**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

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## 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

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