

Template:FMB965 and FMB930 firmware errata

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Contents

- [1 Introduction](#)
- [2 Firmware versioning](#)
- [3 Firmware versions](#)

Introduction

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

This document describes **FMB965**, **FMB930** devices firmware improvements, changes, new features implementations as well as current firmware release version.

FIRMWARE VERSION	SUPPORTED HARDWARE
03.27.10.Rev.46X	FMB965
03.27.10.Rev.48X	FMB965, FMB930
03.29.00.Rev.93X	FMB965, FMB930

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
03.29.00.Rev.932 (recommended for FMB965, FMB930)	2024.09.24	<ul style="list-style-type: none">• Accelerometer task reading operation improvements for manufacture testing tool.• FMB930 ADC reading improvements to correct external voltage value update frequency.

03.29.00.Rev.931
(recommended for
FMB965)

2024.06.05

- **NEW!** [TELTONIKA EYE Beacon and EYE Sensor easy configuration](#) functionalities added
- **NEW!** [TELTONIKA EYE Beacon Lost & Found and Proximity Event](#) functionalities added
- **NEW!** [SECO](#) functionality added
- **NEW!** [Back-Up Tracker](#) functionality added
- **NEW!** [GNSS jamming](#) 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
- **NEW!** SMS/GPRS command "[setigndigout](#)" added
- **NEW!** [Motorcycle Fall Detection](#) functionality 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
- **CHANGED!** [Pulse Counter](#) reworked
- Improved reconnection to new operator time if GPRS was unavailable with initial operator
- Fixed pro-longed reconnection to new operator due to record tasks interrupting operator search
- Fixed network session closing when current operator is added to blacklist
- Fixed Digital Output state restore after firmware update
- GNSS status element state improvements
- Record saving and sending improvements
- DOUT state saving improvements
- GPRS Session and PDP Context Activation logic improvements
- Trip state saving improvements
- Fixed Unplug Detection false events when device wakes up from Power Off Sleep mode.
- BLE data reading stability improvements
- AutoAPN multiple block file improvement for larger database capacity
- Time synchronization improvements
- Manufacture testing improvements
- Improved system stability and fixed general bugs

03.27.10.Rev.487
(recommended for
FMB965)

2023.12.22

- **NEW!** Added updated FMB965 hardware support.
- **NEW!** Added protection for downgrading new FMB965 hardware versions to lower firmware versions.
- **NEW!** Added configurable [Wakeup sources](#).
- **NEW!** Added [go2sleep](#) SMS/GPRS command.
- Wakeup source dependency improvements.
- Wakeup record generation improvements.
- Fixed last known location sending in Power-Off Sleep mode.
- General system stability improvements.
- Manufacture testing improvements.

03.27.10.Rev.482 (recommended for FMB930)	2023.05.08	• Added FMB930 hardware support.
03.27.10.Rev.464 (recommended for FMB965)	2022.08.05	• Optimization of battery percentage display • Optimization of battery charge management to increase battery lifetime and product longevity
03.27.10.Rev.460 (recommended for FMB965)	2022.05.05	• Initial release