FMB965 firmware errata

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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	• 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