

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** devices firmware improvements, changes, new features implementations as well as current firmware release version.

FIRMWARE VERSION	SUPPORTED HARDWARE
03.27.10.Rev.4XX	FMB965
03.29.00.Rev.93X	FMB965

Evaluation firmware branches

Newly introduced Teltonika Telematics products start their lifecycle and mass production running evaluation branch firmware versions, which may be based on older BASE firmware version or separate firmware branch, therefore may have different features. Such products do not immediately receive identical improvements as products in BASE firmware until their support is added. Currently such products are:

FIRMWARE VERSION	HARDWARE
03.29.00.Rev.458	FMC880, FMM880, FMC800, FMM800, FMM80A
03.29.00.Rev.157	FMB150, FMC150, FMM150, FMC250, FMM250
03.27.10.Rev.482	FMB930
03.29.00.Rev.931	FMB965
03.29.00.Rev.554	FMP100, FMB020
03.29.00.Rev.601	FMC234
03.29.00.Rev.263	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.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.464 (recommended for FMB965)	2022.08.05	<ul style="list-style-type: none">• 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	<ul style="list-style-type: none">• Initial release