

FMB003 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 **FMB003, FMC003 and FMM003** devices firmware improvements, changes, new features implementations as well as current firmware release version.

| FIRMWARE VERSION | SUPPORTED HARDWARE |
|-------------------------|---------------------------|
| 03.25.XX | FMB003 |
| 03.27.XX | FMB003 |
| 03.28.XX | FMB003, FMC003, FMM003 |
| 03.29.XX | FMB003, FMC003, FMM003 |

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.358 (recommended for FMC003, FMM003) | 2024.06.10 | <ul style="list-style-type: none"> • Base update to 03.29.00.Rev.14 • Added secondary fuel tank added to the IO elements • Added automatic VIN detection for Tesla VIN cars • Added OEM response parsing improvements from solving FMB150 issues • Added OEM requests for VIN reading • Fix: VIN request in Medium Speed and Single Wire CAN • Fix: time synchronization - rare cases of future time occurrence • Fix: wakeup failure in Ultra deep sleep mode • Fix: KIA vehicles sending max fuel level value when ignition is off • Fix: 100 percent fuel level not being shown in OEM parameter • Fix: trip odometer value not being counted • Fix: negative value handling from CAN |
| 03.28.03.Rev.97 (recommended for FMB003) | 2023.04.12 | <ul style="list-style-type: none"> • Performance improvements and bug fixes |
| 03.28.03.Rev.94 | 2022.08.30 | <ul style="list-style-type: none"> • Added OEM Reset button • FMM003 BG95-M6 modem support • Port COLD/WARM/HOT fix tests via SMS |
| 03.28.00.Rev.107 | 2022.06.28 | <ul style="list-style-type: none"> • Added FMC003 support • Added FMM003 support |
| 03.27.12.Rev.93 | 2022.04.27 | <ul style="list-style-type: none"> • Ultra-deep sleep improvements • Periodic record sending improvements • OBD functionality improvements • Changed default configuration value ranges for eco driving scenario • Improved CAN data reading via Single Wire • AGPS functionality improvements • Improved system stability and fixed general bugs |
| 03.25.17.Rev.95 | 2020.12.02 | <ul style="list-style-type: none"> • Added new OBD interface support. • Added Low Speed CAN support. • Improved ISOTP protocol communication • Improved movement detection according to the accelerometer. • Added Total Mileage reading from 0xA6 PID (OBDII) • AGPS functionality added. • Factory testing software optimized. |
| 03.25.15.Rev.97 | 2020.05.20 | <ul style="list-style-type: none"> • Added FMB003 support |