

FMC650 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 **FMC650** devices firmware improvements, changes, new features implementations as well as current firmware release version.

Firmware versioning

- Structure

FM.VER. [XX] . [YY] . [ZZ]

- Syntax description
 - XX - client number. Value range: 00 - Teltonika, 02..99 - Specific clients
 - YY - branch number, shows major changes in firmware, i.e. new module support added or new major feature added.
 - ZZ - minor changes like small fixes, improvements and new minor features addition.

Firmware versions

**FIRMWARE
VERSION**

RELEASE DATE **CHANGES**

03.00.15.rev.13

2024.03.22

- **NEW!** Internal log download via FOTA WEB added
- DDD download from Stoneridge Gen2v2 tachographs improvements
- Record sending from SD card stability improvements
- BlueNRG firmware update via FOTA WEB improvements
- DOUT control logic via Immobilizer scenario improvements
- Data socket opening algorithm improvements
- Record sending with From Oldest ordering option stability improvements
- General stability improvements
- 4G network stability improvements
- Deep Sleep record latency improvements
- Data sending improvements
- DDD download improvements
- Auto_calibrate command logic improvements
- Reading from BLE sensors with Advanced mode improvements
- Reading from BLE beacons with Simple mode improvements
- Deep Sleep mode working from internal battery improvements
- 1-Wire detection and reading logic improvements
- ICCID detection improvements
- APN detection logic improvements

03.00.15.rev.09

2023.12.14

- **NEW!** ALL-CAN300 support added via RS232
 - Configuration saving to memory algorithms improvements
 - Track (static navigation) stability improvements
 - Home mode with Roaming/Global operator connection algorithm improvements
 - GPRS activation status information improvements
 - Data socket opening algorithms improvements
 - Data sending improvements
 - GPRS PAP/CHAP algorithms improvements
 - Tachograph data source priority algorithms changes
 - Tachograph data receiving/reading improvements
 - DDD download stability improvements
 - K-Line data receiving improvements
 - CAN termination parameter configuration via SMS
 - BLE records sending improvements
 - Crash functionalities algorithms improvements
 - WEB FOTA stability improvements
 - Stability improvements
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03.00.14.rev.11	2023.08.22	<ul style="list-style-type: none"> • NEW! Smart Tachograph Generation 2 Version 2 support added • CHANGED! FM65 Record size increased to 1004B • Live IO shown in configurator for Stoneridge tachograph • Euroscan thermographs communication improvements • Data socket opening improvements • 1wire features stability improvements • FMC650 PAP/CHAP GPRS authentication improvements • J1708 functionality stability improvements • Modem working stability improvements • Communication with FOTA WEB improvements on device startup and receiving configuration
03.00.14.rev.01	2023.05.30	<ul style="list-style-type: none"> • FMC650 High frequency on DIN inputs improvements • FMC650 record counting for getinfo SMS command • GNSS dual band mode improvements • RPM calibration on low frequencies improvements • 1-Wire temperature stability improvements • Configuration saving improvements
03.00.13.rev.05	2023.03.13	<ul style="list-style-type: none"> • Initial release