

# 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**

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**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

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**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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|------------------------|------------|--|
| <b>03.00.14.rev.11</b> | 2023.08.22 | <ul style="list-style-type: none"> <li>• <b>NEW!</b> Smart Tachograph Generation 2 Version 2 support added</li> <li>• <b>CHANGED!</b> FM65 Record size increased to 1004B</li> <li>• Live IO shown in configurator for Stoneridge tachograph</li> <li>• Euroscan thermographs communication improvements</li> <li>• Data socket opening improvements</li> <li>• 1wire features stability improvements</li> <li>• FMC650 PAP/CHAP GPRS authentication improvements</li> <li>• J1708 functionality stability improvements</li> <li>• Modem working stability improvements</li> <li>• Communication with FOTA WEB improvements on device startup and receiving configuration</li> </ul> |
| <b>03.00.14.rev.01</b> | 2023.05.30 | <ul style="list-style-type: none"> <li>• FMC650 High frequency on DIN inputs improvements</li> <li>• FMC650 record counting for getinfo SMS command</li> <li>• GNSS dual band mode improvements</li> <li>• RPM calibration on low frequencies improvements</li> <li>• 1-Wire temperature stability improvements</li> <li>• Configuration saving improvements</li> </ul>  |
| <b>03.00.13.rev.05</b> | 2023.03.13 | <ul style="list-style-type: none"> <li>• Initial release</li> </ul>  |