

# 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	<ul style="list-style-type: none"> <li>• <b>NEW!</b> Internal log download via FOTA WEB added</li> <li>• DDD download from Stoneridge Gen2v2 tachographs improvements</li> <li>• Record sending from SD card stability improvements</li> <li>• BlueNRG firmware update via FOTA WEB improvements</li> <li>• DOUT control logic via Immobilizer scenario improvements</li> <li>• Data socket opening algorithm improvements</li> <li>• Record sending with From Oldest ordering option stability improvements</li> <li>• General stability improvements</li> <li>• 4G network stability improvements</li> <li>• Deep Sleep record latency improvements</li> <li>• Data sending improvements</li> <li>• DDD download improvements</li> <li>• Auto_calibrate command logic improvements</li> <li>• Reading from BLE sensors with Advanced mode improvements</li> <li>• Reading from BLE beacons with Simple mode improvements</li> <li>• Deep Sleep mode working from internal battery improvements</li> <li>• 1-Wire detection and reading logic improvements</li> <li>• ICCID detection improvements</li> <li>• APN detection logic improvements</li> </ul>
03.00.15.rev.09	2023.12.14	<ul style="list-style-type: none"> <li>• <b>NEW!</b> ALL-CAN300 support added via RS232</li> <li>• Configuration saving to memory algorithms improvements</li> <li>• Track (static navigation) stability improvements</li> <li>• Home mode with Roaming/Global operator connection algorithm improvements</li> <li>• GPRS activation status information improvements</li> <li>• Data socket opening algorithms improvements</li> <li>• Data sending improvements</li> <li>• GPRS PAP/CHAP algorithms improvements</li> <li>• Tachograph data source priority algorithms changes</li> <li>• Tachograph data receiving/reading improvements</li> <li>• DDD download stability improvements</li> <li>• K-Line data receiving improvements</li> <li>• CAN termination parameter configuration via SMS</li> <li>• BLE records sending improvements</li> <li>• Crash functionalities algorithms improvements</li> <li>• WEB FOTA stability improvements</li> <li>• Stability improvements</li> </ul>

<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>