

# FMB641 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 **FMB641** 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

<b>FIRMWARE VERSION</b>	<b>RELEASE DATE</b>	<b>CHANGES</b>
<b>02.02.17.Rev.04</b> (Latest firmware release version for FMX641)	2023.06.02	<ul style="list-style-type: none"><li>• <b>NEW!</b> Smart Tachograph Generation 2 Version 2 support added</li><li>• CAN termination parameter ID changed</li><li>• Added "Not Available" option for driver state filter if tachograph working in private mode</li><li>• Improvements for tachograph DDD files download communication</li><li>• Records generation and sending improvements</li></ul>

<b>02.02.16.Rev.03</b>	2023.02.24	<ul style="list-style-type: none"> <li>• CAN data receiving improvements</li> <li>• Implemented ignition counter</li> <li>• OneWire functionalities improvements</li> <li>• Stability improvements</li> <li>• RS232 configuration improvements</li> <li>• J1708 functionality improvements</li> </ul>
<b>02.02.15.Rev.06</b>	2022.10.07	<ul style="list-style-type: none"> <li>• Tachograph data reading improvements</li> <li>• Sleep modes improvements</li> <li>• Immobilizer functionality improvements</li> <li>• Analog data reading improvements</li> <li>• DOUT stability improvements</li> <li>• CAN bus modes improvements</li> <li>• Newly added Contipressure IOs</li> <li>• Iridium Edge support added</li> <li>• LVCAN support added (Via <a href="#">COM1/COM2</a>)</li> <li>• Improvements FMB641 1-wire stability with 6 temperature sensors</li> </ul>
<b>02.02.09.Rev.00</b>	2022.04.29	<ul style="list-style-type: none"> <li>• Improved SD card logging</li> <li>• Improved Impulse Counter functionality</li> <li>• Improved time of waking up from Deep Sleep</li> <li>• Enhanced SIM detection</li> </ul>
<b>02.02.06.Rev.04</b>	2022.03.18	<ul style="list-style-type: none"> <li>• Improved CAN Terminator switch functionality</li> <li>• Live Tachograph data Priority parameter setting over SMS/GPRS improvement</li> <li>• FMS/DDD CAN line source configuration improved</li> </ul>
<b>02.02.05.Rev.02</b>	2022.01.28	<ul style="list-style-type: none"> <li>• GPRS command sending/execution improvements</li> </ul>
<b>02.02.04.Rev.00</b> (Initial firmware used in factory)	2021.12.20	<ul style="list-style-type: none"> <li>• Initial Firmware released</li> </ul>