

FMC234 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 **FMCXXX, FMUXXX, FMMXXX platform** devices firmware improvements, changes, new features implementations as well as current firmware release version.

FIRMWARE VERSION	SUPPORTED HARDWARE
03.25.XX	FMC1YX, FMU1YX, FMM1YX
03.27.XX	FMB0YX, FMB9X0, FMB96X, FMB1YX, FMU1YX, FMM1YX, FMC1YX, FMM001, FMC001, FM30XY, FMB2XY, FMT100, FMC2XY
03.29.XX	FMC234

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
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03.29.00.Rev.601 (recommended for FMC234 with SLM320-LA, SLM320-E)	2024.02.19	<ul style="list-style-type: none"> • NEW! TELTONIKA EYE Beacon and EYE Sensor easy configuration functionalities added • NEW! TELTONIKA EYE Beacon Lost & Found and Proximity Event functionalities added • NEW! SECO functionality added • NEW! Back-Up Tracker functionality added • NEW! GNSS jamming functionality added • NEW! Low Power Mode functionality added • NEW! MQTT support for AWS IoT Shadow/Custom and Azure IoT added • NEW! 1-Wire interface control in sleep modes functionality added • NEW! BT/BLE interface control in sleep modes functionality added • NEW! NBL-2 Bluetooth RFID reader support added • NEW! SMS/GPRS command "lvcanhorn" support added • NEW! SMS/GPRS command "setigndigout" added • NEW! Jamming feature support added for FMC234 devices with MeiG modems • NEW! CAN service and LPG I/O elements added • NEW! New I/O elements for each CAN adapter state flag added • CHANGED! Reworked recalibration logic • CHANGED! Default parameter values • CHANGED! SMS Event logic reworked • CHANGED! Black list functionality reworked • CHANGED! SMS/GPRS command "cpureset" protection functionality • CHANGED! Pulse Counter reworked • 1-Wire Temperature sensor stability improvements • Operator search procedure functionality improvements • Record saving and sending improvements • DOUT state saving improvements • GPRS Session and PDP Context Activation logic improvements • Trip state saving improvements • CAN data reading improvements • BLE data reading stability improvements • TimeSync, SMS handling and connection stability improvements for FMC234 device • AutoAPN multiple block file improvement for larger database capacity • Manufacture testing improvements • Improved system stability and fixed general bugs
03.27.13.Rev.811 (recommended for FMC234 with SLM320-LA, SLM320-E2)	2023.09.28	<ul style="list-style-type: none"> • Added FMC234 suport • Added support for 1000 mAh battery • Improved system stability and fixed general bugs