FM36YX FIRMWARE ERRATA

V0.4

1) 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 FM36YX devices firmware improvements, changes, new features implementations as well as current firmware release version.

2) FIRMWARE VERSIONING

A) STRUCTURE

```
FM.VER.[XX].[YY].[ZZ].Rev.[##]
```

B) SYNTAX DESCRIPTION

XX – client number. Value range: 00 – Alpha development, 01 – 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 – major changes like major fixes, improvements and new features addition.

– minor changes like small fixes and improvements.

Firmware Version	Release date	Changes
01.08.12 [1]	2018.01.12	• **Data sending improvements.** • Geofence changes • Deep sleep improvements.
01.08.07	2017.11.22	• **2G/3G networks working algorithm improvements.** • **GNSS module control improvements.** • LV-CAN200/ALL-CAN300 functionalities improved. • FOTA application improvements. • 1- wire devices detection improvements. • Deep sleep improvements. • UPD sending improved. • Static navigation improvements. • SMS functionality improved.
01.06.06	2017.07.24	• **FM3612 support added.** • **Added support for UDP GPRS commands.** • Recods saving and managing improved. • Operators selection and managing improved. • Setdigout SMS command stability improved. • LV-CAN200/ALL-CAN300 functionalities improved. • GPRS connection stability improved. • GNSS module control improved.
01.05.06	2017.01.03	• **Battery charging reworked to detected car voltage system - 6, 12, 24 volts and not to drain battery to empty.** • Fixed setdigout SMS. • Operator search optimization. • Battery will not be charged if external voltage is low. • SMS reading improvements. • TCP configuration improvement. • GNSS module improvements. • Debug improvements. • Firmware update via FOTA application improvements. • Functions optimization. • NMEA reading optimization. • Battery charge algorithm improvements. • Movement detection improvements.
01.05.00	2016.11.16	• **Remember iButton functionality added.** • **ALLCAN 300 functionality Implemented.** • CAN parameters handling improvements. • LV-CAN200/ALL-CAN300 parameters data handling

---

[1] Current firmware release version for **FM36YX**

Firmware Version	Release date	Changes
		• improvements. • Default configuration parameter change: Stop detection source -> Msensor
01.03.02	2016.10.04	• **Added H910-GL Modem support.** • **Added FM3602 HW support.** • Record size optimization
01.02.01	2016.08.04	• **Added GNSS state element** (0-5). • **Added Quectel UC20 support.** • **Idling scenario and configurable ignition timeout functionality added for authorized driving/immobilizer scenarios.** • **Continuous odometer function added.** • **TTJ ID added.** • **Telit and Quectel hardware support added.** • **Added ignition detection timeout setting.** • **Igntion timeout configuration added.** • ibutton list configuration improvements. • Deep sleep improvements. • Data sending optimization. • CSQ calculation improved. • SIM card initialization improved. • Configuration via FOTA improved. • Dallas temperature sensor data handling improvements. • Overspeeding scenario improvements. • Fixed double event record saving. • Signal level calculation optimization. • Cell ID IO element changed to 4 bytes. • Changed modem turn on, turn off to proper edition. • Offline/online log improvements.
01.00.02	2016.02.02	• **Protection from incorrect power voltage configuration added.** • **Added battery unlock function.** • Predefined number SMS functionality improvements.