FTC881 firmware change log

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Contents

Introduction

We are always improving our device's performance, stability, and reliability. That's why Teltonika is one of the leading GNSS trackers manufacturers in the world.
This document describes **FTCXXX platform** devices firmware improvements, changes, new features implementations as well as current firmware release version.

Firmware versioning

- Structure

[X].[YY].[Z].rc.[##]

- Syntax description
    - X – 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.

Firmware versions

FIRMWARE VERSION	SUPPORTED HARDWARE	
00.2X.Y-rc.Z	FTC9XY, FTC8XY	

FIRMWARE VERSION	RELEASE DATE	CHANGES

NEW FEATURES
- **NEW** added the SMS "deleterecords"
- **NEW** added the SMS "getgps"
- **NEW** added the SMS "getio"
- **NEW** added the SMS "allver"
- **NEW** added the SMS "getstatus"
- **NEW** added the SMS "setdigout"
- **NEW** added the SMS "setparam"
- **NEW** added the SMS "getparam"
- **NEW** added the SMS "readavl"
- **NEW** added the SMS "cpureset"
- **NEW** added sent SMS counter
- **NEW** added sent records counter
- **NEW** added network ping timeout feature
- **NEW** added min max values of NTP resync period
- **NEW** added live satellite info
- **NEW** added battery charging modes
- **NEW** added critical sleep mode
- **NEW** added configurable APN settings and ability to disable mobile data
- **NEW** UDP protocol implemented
- **NEW** added the SMS "getrecord"
- **NEW** added the SMS "web_connect"
- **NEW** added the SMS "getinfo"
- **NEW** added accelerometer test command
- **NEW** added roaming mode change event
- **NEW** added SMS password
- **NEW** added the SMS "extformat"
- **NEW** added the SMS "getver"

| 0.26.2 | 2024-02-13 | **FIXES/IMPROVEMENTS** |

- Record loading speed improvement
- Record manager improvements. Records are sent immediately after generation when link is already open
- Record generation period reconfiguration corrected, the device starts generating new records based on newly configured timeout
- Open link timeout functionality correction. Link is closed accordingly to open link timeout configuration
- Corrected records send triggering after movement status change
- Corrected data acquisition records generation by speed units
- Conversion coefficient for AIN measurement corrected
- Odometer max value saving corrected
- Odometer value is saved in kilometers instead of meters
- Instant movement detection corrected to be detected from first move
- Wrong ignition source for data acquisition detection instead of movement source fixed
- SMS sending timeout fix
- Modem IMEI recognition in roaming mode fixed
- SMS command "setparam" stability improvements
- Accelerometer initialization improvements
- Modem stability improvements
- Accelerometer data validation improvements
- Record sending improvements
- Ignition check data spam without time synchronization fixed
- Power management (sleep) improvements
- Subsequent connection to server failure timeout increase feature added
- DOUT stability improvements

0.22.0-rc.1   **2023-04-13**   • Initial FTCXXX release