

# FTC881 firmware change log

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## 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

		<ul style="list-style-type: none"> <li>• <b>NEW</b> added the SMS "deleterecords"</li> <li>• <b>NEW</b> added the SMS "getgps"</li> <li>• <b>NEW</b> added the SMS "getio"</li> <li>• <b>NEW</b> added the SMS "allver"</li> <li>• <b>NEW</b> added the SMS "getstatus"</li> <li>• <b>NEW</b> added the SMS "setdigout"</li> <li>• <b>NEW</b> added the SMS "setparam"</li> <li>• <b>NEW</b> added the SMS "getparam"</li> <li>• <b>NEW</b> added the SMS "readavl"</li> <li>• <b>NEW</b> added the SMS "cpureset"</li> <li>• <b>NEW</b> added sent SMS counter</li> <li>• <b>NEW</b> added sent records counter</li> <li>• <b>NEW</b> added network ping timeout feature</li> <li>• <b>NEW</b> added min max values of NTP resync period</li> <li>• <b>NEW</b> added live satellite info</li> <li>• <b>NEW</b> added battery charging modes</li> <li>• <b>NEW</b> added critical sleep mode</li> <li>• <b>NEW</b> added configurable APN settings and ability to disable mobile data</li> <li>• <b>NEW</b> UDP protocol implemented</li> <li>• Record loading speed improvement</li> <li>• Record manager improvements. Records are sent immediately after generation when link is already open</li> <li>• Fixed record generation period reconfig</li> <li>• Fixed open link timeout calculation</li> </ul>
<b>0.26.2</b>	<b>2024-02-13</b>	<ul style="list-style-type: none"> <li>• Fixed rec send triggering after movement status change</li> <li>• Fixed data acquisition by speed units</li> <li>• Fixed AIN value conversion</li> <li>• Fixed odometer value saving</li> <li>• Fixed instant movement detection</li> <li>• Changed ignition to movement source for data acquisition</li> <li>• SMS sending timeout fix</li> <li>• modem IMEI recognition in roaming mode fix</li> <li>• SMS command "setparam" stability improvements</li> <li>• accelerometer initialization improvements</li> <li>• modem stability improvements</li> <li>• <b>NEW</b> added the SMS "getrecord"</li> <li>• <b>NEW</b> added the SMS "web_connect"</li> <li>• <b>NEW</b> added the SMS "getinfo"</li> <li>• <b>NEW</b> added accelerometer test command</li> <li>• <b>NEW</b> added roaming mode change event</li> <li>• accelerometer data validation improvements</li> <li>• record sending improvements</li> <li>• ignition check spam without timesync fix</li> <li>• <b>NEW</b> added SMS password</li> <li>• <b>NEW</b> added the SMS "extformat"</li> <li>• <b>NEW</b> added the SMS "getver"</li> <li>• Power management (sleep) improvements</li> <li>• Subsequent connection to server failure timeout increase feature added</li> <li>• DOUT stability improvements</li> </ul>
<b>0.22.0-rc.1</b>	<b>2023-04-13</b>	<ul style="list-style-type: none"> <li>• Initial FTCXXX release</li> </ul>