

# BTS firmware errata

## 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 **BTSXXX platform** devices firmware improvements, changes, new features implementations as well as current firmware release version.

## Firmware versioning

- Structure

BTS.VER. [X] . [Y] . [Z] .R. [#]

- Syntax description
  - X - major FW version.
  - Y - branch number, shows major changes in firmware, i.e. new module support added or new major feature added.
  - Z - major changes like bigger fixes, improvements and new features addition.
  - # - minor changes like small fixes and improvements.

## Firmware versions

FIRMWARE VERSION	SUPPORTED HARDWARE	
1.2.z.R.#	BTSID1, BTSMP1	
FIRMWARE VERSION	RELEASE DATE	CHANGES
1.2.10.R.4	2023.11.30	<ul style="list-style-type: none"><li>• <a href="#">Active Sensor Selection</a>: Users can customize their device by selecting only the sensors they require. This allows users to specify which sensor information is read and advertised, ensuring power-efficient data collection and transmission.</li><li>• <a href="#">12 character name</a>: Users can now assign names of up to 12 characters. Enabling them to configure their device with a full MAC address as the name.</li><li>• <a href="#">Auto-Disconnect Timer</a> the device will disconnect from applications if not used for longer than 2 minutes without authorizing with PIN or after 10 minutes if inactive after authorizing.</li><li>• Improved pitch and roll response time to give up-to-date data.</li><li>• The device no longer restarts after changing configuration parameters.</li><li>• Other stability improvements</li></ul>
1.2.9.R.9	2024.02.23	<ul style="list-style-type: none"><li>• Battery voltage sending with iBeacon and Eddystone advertisement protocols fixed</li></ul>

1.2.9.R.8	2023.05.01	<ul style="list-style-type: none"> <li>• <a href="#">Hibernate functionality</a></li> <li>• <a href="#">PUK unlock functionality</a></li> <li>• <a href="#">Battery low level flag changed from 2.7V to 2.2V</a></li> <li>• Device is advertising every 1s after configuration change is saved for 1 minute to allow easier reconnection.</li> <li>• Slight power consumption optimizations</li> <li>• Stability improvements</li> </ul>
1.2.8.R.3	2024.10.02	<ul style="list-style-type: none"> <li>• Revision shown in EYE app is now correct</li> <li>• iBeacon protocol not triggering region monitoring on iOS.</li> </ul>
1.2.8.R.2	2022.12.14	<ul style="list-style-type: none"> <li>• iBeacon protocol EYE devices not showing up in EYE App on Android devices running Android 13 based operating systems.</li> </ul>
1.2.8.R.1	2022.07.21	<ul style="list-style-type: none"> <li>• Default advertising interval increased from 1 to 5 seconds</li> <li>• Other stability and consumption improvements</li> <li>• Calibrated RSSI values for Eddystone and iBeacons</li> </ul>
1.2.1.R.0	2021.11.01	<ul style="list-style-type: none"> <li>• First base firmware release</li> </ul>