



TDC150

September 2022

Introduction

This document is the firmware release notes for the TDC150 V4.31 version. This version is minor version with improvements only.

New features

RTX beam update:

- a. Mexico: the new **RTXME** satellite (1555.8155 MHz, 1200 bps) replaces the current RTXMX satellites (1555.7825 MHz, 600 bps)
- b. CIS, India, Western China: the new **RTXIR** satellite (1545.5050 MHz, 1200 bps) replaces the current RTXIO satellite (1545.5300 MHz, 600 bps)
- c. Africa, Middle East: the new **RTXAF** satellite (1546.21 MHz, 1200 bps) replaces the current RTXEA satellite
- d. Europe: the **RTXEU** satellite replaces the current RTXEA satellite. Only the name and the coverage are modified

Resolved problems

None

Known issues

None

Upgrade procedure

Customer can upgrade TDC150 new firmware by following this procedure:

- Copy TDC150_upgrade_4.31.tar file in download folder of TDC150
- Start GNSS loader
- Select "Upgrade Firmware"
- "TDC150_upgrade_4.31.tar" appears on the Upgrade firmware window
- Just click on it and follow instructions

The complete procedure will take several minutes.

Recommendations

- ATL log: We recommend end user in case of receiver performance problem to record atl.log and share it with Tech Support. W/o atl.log file, the ability to help end user will be much less.

- GNSS: While TDC150 can work with different subsets of GNSS (e.g. GLO only, BDS only, GLO+BDS), user must realize that exclusion of any available GNSS system may result in degraded positioning performance .
- NTRIP: When working with Ntrip service, user is recommended to select VRS mount point over MAC and FKP. In general with wide variety of different mount points, always try select points with multiple GNSS data.

Legal notices

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