TRIMBLE RECEIVERS

TRIMBLE OEM GNSS

Version 4.11
Revision A
December 2019

This document contains late-breaking product information, updates, and troubleshooting tips not covered in the Trimble® GNSS OEM receivers' documentation:

▶ Introduction
▶ New Features and changes
▶ Upgrade Procedure and Documentation

INTRODUCTION

This release note describes the improvements made since version 3.85 to the following Trimble GNSS OEM receiver:

▶ MB-Two
▶ ABX-Two

With this release, users can upgrade to version 4.11 of the firmware for the latest features.

NEW FEATURES

Connected Device Security: The new option[s] IOT-SECURITY is now supported by the receiver. All receiver shipped after January 1st 2020 will have option [s] installed. For more information, please review the California Connected Device Product Bulletin. When the new option[s] is installed, the following changes are applied:

▶ Web UI: the default password is the serial number and it must be changed the first time you connect the Web UI
▶ Web UI: when creating a new password, the strength of the password is now display and the strength must be at least medium to be accepted
▶ Web UI: the only way to reset the Web UI password is to perform a reset to factory settings (command $PASHS,INI,8)
▶ TCP/IP: the default password for the TCP/IP is empty. It must be defined before enabling the security on these ports
▶ TCP/IP: the port I and J does not accept any commands if the Web UI password has not been modified
▶ FTP: the FTP password is empty by default and it must be created before enabling the FTP server
▶ NTRIP Caster: the password for the NTRIP caster is empty by default and it must be created before enabling the caster.

⌖ Trimble.

IMPROVEMENTS

RTX: The new beam RTXMX for Mexico is now supported.
IBSS/NTRIP: The NTRIP login can contain now 64 characters (it was 32 in previous versions).
Rover Mode: In the Web UI banner, field Rover Mode, RTX is now displayed in addition to RTK or heading if the RTX mode is enabled.

RESOLVED ISSUES (SINCE VERSION 3.85)

FTP Push: There was a conflict between the manual FTP push and the automatic FTP push in the sessions. This problem is now resolved.
RTK Option: When the RTK option (option [J]) was installed followed by a firmware upgrade, the receiver did not compute RTK till a reset of the receiver.

UPGRADE PROCEDURE AND DOCUMENTATIONS

Version 4.11 of the firmware (Trimble MB-Two Upgrade V4.11) can be downloaded from the Trimble Support web page. Go to https://www.trimble.com/Precision-GNSS/Index.aspx and select the applicable product.
There are two ways to load the new firmware:
- ▸ Use the Ashcom application
- ▸ Use the web interface of the receiver

For more information, please refer to the Firmware Upgrade section in the MB-Two User Manual or ABX-Two User Manual.

Release Notice
This is the May 2019 release (Revision A) of the GNSS OEM Receivers' Release Notes. It applies to version 4.11 of the Trimble OEM GNSS Series receivers.