

RELEASE NOTES

Trimble® MB-One GNSS OEM Board, Firmware 2.01

- Introduction
- Where to Find the Firmware Upgrade
- Upgrade Procedure
- New Features and Changes
- Legal Notices

Introduction

These Release Notes describe improvements made since version 2.0 to the Trimble MB-One GNSS OEM board firmware.

With this release, the MB-One can use version 2.01 firmware.

For further support information, go to:

http://intech.trimble.com/oem_gnss/receiver_boards/trimble_mb-one

Where to Find the Firmware Upgrade

Please use the link below to download a copy of the upgrade file:

ftp://ftp.ashtech.com/OEM_Sensor_ADU/MBOne/Firmware

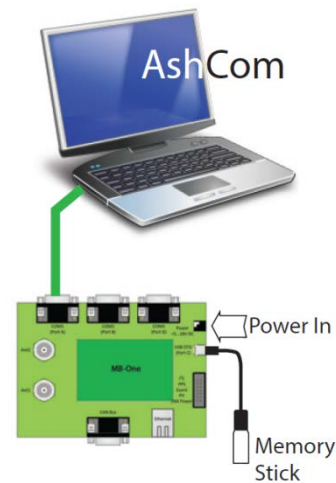
IMPORTANT: DO NOT rename the file you've downloaded. The upgrade procedure can only be run using a properly named upgrade file.

Upgrade Procedure

This procedure is based on the use of a memory stick. The MB-One should be installed on the evaluation kit.

You need to use a computer running AshCom, a USB mass storage key (memory stick), a USB OTG cable and the \$PASHS,UPL,UPG proprietary command (see detailed description in Reference Manual) :

- Copy the upgrade file (MBOne_upgrade_vx.x.tar) to the memory stick.
- Connect the memory stick to the USB OTG cable.
- Connect the other end of the USB OTG cable to the evaluation kit.
- On your computer, from AshCom's command box, send this command to the board:
\$PASHS,UPL,UPG
- The board will first return an acknowledge message, then a reboot message:
\$PASHR,ACK*3D
\$PASHR,UPL,REBOOT,MBOne_upgrade_vx.X.tar*<checksum>
This starts the upgrade. Note that the second message may appear more than once during the procedure. When the upgrade is complete and successful, the board returns the following line:
\$PASHR,UPL,OK,MBOne_upgrade_vx.X.tar*<checksum>



New Features and Changes

The following improvements have been made to the MB-One OEM GNSS board:

General

- This release fixes the unexpected board reset sequences caused by new BEIDOU satellite #31.

Documentation updates

The latest documentation (MB-One Reference Manual) can be found online at:

http://intech.trimble.com/oem_gnss/receiver_boards/trimble_mb-one

Legal Notices

Trimble Navigation Limited
Integrated Technologies
510 DeGuigne Drive
Sunnyvale, CA 94085 USA
www.intech.trimble.com

Copyright and Trademarks

© 2015, Trimble Navigation Limited. All rights reserved.

Trimble is a trademark of Trimble Navigation Limited, registered in the United States and in other countries. All other trademarks are the property of their respective owners.

Release Notice

This is the May 2015 release (Revision A) of the *Release Notes*. It applies to version 2.01 of the OEM GNSS board MB-One.