

Product Bulletin

BUILDING CONSTRUCTION FIELD SOLUTIONS

October 10th, 2025

Trimble Ri - New firmware version 3.2.450

For the Trimble Ri it is important that you are using the correct build of both instrument firmware and FieldLink software. This bulletin provides the latest guidance. Due to the potential tilt calibration mentioned below, **it is strongly recommended that all users update to version 3.2.450 as soon as practical.**

Potential Tilt Calibration Issue

When certain Trimble Ri instruments are used in non-leveled setups, vertical measurements could be outside specifications. With Firmware version 3.2.450 the firmware updater tools will detect instruments that can be affected by this issue. In this case the following warning message will be displayed:


“The firmware update tool has detected a potential tilt calibration issue within this Trimble Ri unit. It is highly recommended that the user contact an Authorized Service Provider immediately to rectify this issue. Until this unit has been calibrated, for all workflows where vertical accuracy is required, the Trimble Ri must be well leveled to mitigate potential measurement inaccuracies.”

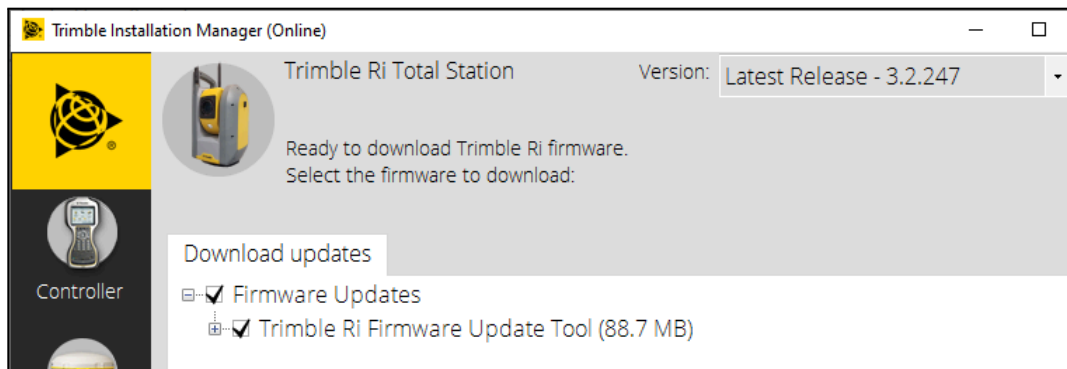
Ri Firmware version

Version	Notes
3.2.450	Changes from previous version (R3.2.384): <ul style="list-style-type: none">• Fixed potential MEMS2 calibration issue<ul style="list-style-type: none">◦ Introduced calibration check during firmware update to alert user in case instrument requires calibration• Error message logging improved with UTC date/time• Enhanced Tracking support (See FieldLink v2025.3.0 release notes)

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To access the latest firmware version for the Trimble Ri

- Run Trimble Installation Manager (TIM)
- Go to the Optical & Scanning tab
- Select Trimble Ri
- Click on download icon 
- Select latest release version (3.2.450) from dropdown menu
- Click Download



Key Messages

Trimble **Ri** is the **Ri**ght Solution

Get the job done Right the first time with the Trimble Ri

- **Right Track** with Trimble Vision Technology enabling single-person layout and instrument control
- **Right Focus** with accuracy utilizing auto-focusing red laser technology and extended EDM.
- **Right Level** with self-calibration and level detection built-in, keeping you more productive in the field.

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- **Right Design** at the Right time to meet every job scope. Upgrade to scale your business job to job, site to site.

For more information

For more information contact your local Trimble regional account manager.

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