Trimble Perspective

Version 2024.10 Release Notes

Introduction

These release notes describe the features and enhancements that are new in version 2024.10 of the Trimble® Perspective® software. For further information, visit www.trimble.com/support.

Installation Restrictions

Trimble Installation Manager only permits the installation of firmware version 1.1.0.0241 on X9 instruments with 8991 serial numbers and prohibits installation on X9 instruments with 8990 serial numbers. Customers with 8990 serial numbers should upgrade to firmware version 1.0.5.0392 to ensure compatibility with the latest versions of field software.

Note: *Trimble will consolidate firmware upgrades in the future for both versions of the Trimble X9 so there will be a single firmware version for both instruments to share all enhancements with no restrictions.*

Software Requirements

X9 customers running firmware version 1.1.0.0241 or 1.0.5.0392 should install Trimble Perspective version 2024.10 or greater to ensure compatibility.

System Requirements

- Operating system: Microsoft® Windows® 10, 11 (64 bit)
- RAM: minimum 8 GB
- Graphics support: OpenGL 4.4 or higher

http://geospatial.trimble.com

Software Warranty

This version of Trimble Perspective is available to:

- Perpetual license users whose warranty expiration date is **September 1, 2024** or later. *Note: If your perpetual license warranty expires prior to this date and you proceed with the installation, licensed features will not be included.*
- Subscription license users whose subscription is currently active.

If necessary, you can contact your distributor to purchase a warranty extension or renew your subscription. In the Perspective menu, select About to view your warranty or subscription expiration date.

New Features and Enhancements

Description	New or Enhanced	Feature Overview	Benefit/Comments
Configurable X9 Support	New	Trimble Perspective supports the new configurable Trimble X9 laser scanners. Scan settings will be displayed based on the connected instrument's license.	Flexible licensing options
Subscription Licensing Support	New	An annual term-based license is available to allow Trimble Perspective to be used on multiple devices. Use your TID account login to access Trimble Perspective on your tablet, laptop, or desktop computer, all with the same license.	Multiple device usage
Desktop Support	New	Connect a mouse and keyboard to utilize tooltips, keyboard shortcuts, and operate Trimble Perspective on a laptop or desktop.	Accessibility
AI Assisted Area Scan Selection	Enh	Automatically determine the size of an area scan window by using the new AI assisted option. Simply tap on the object your wish to scan and Trimble Perspective will automatically create the window, sized to the object of interest.	Ease of use

Export Measurements in TDX	Enh	3D measurements are now included in the TDX export. Measurements will be present in the Production mode of Trimble RealWorks when imported. Supported measurements include 3D Point, 3D Distance, Horizontal Distance (station view), and Vertical Clearance (station view).	Data Interoperability
Limit Box Grab Handles	Enh	All limit box grab handles are visible to make resizing easier.	Ease of use
LABS Section	New	A new section is added to the Settings menu. Labs will contain sneak peeks to new features in future releases. These features are fully tested and available to use but may have further development plans. The currently available development is the ability to change the database location for saved projects. External and network drives are not yet supported. To access these features, activate your participation in the Trimble Solution Improvement Program. This allows us to track the amount of times a tool or setting is used to help us determine its prioritization for future work. You can also submit feedback to the Trimble Scanning Community Page (link included in the Labs section).	Interactive development

Resolved issues

- **Cancel Import:** File conversion not canceling when requested
- **Cancel Import:** Cannot open some projects after canceling import
- **Diagnostic Report:** Fixed formatting issues
- **Field Calibration Report:** Fixed formatting issues
- **Georeferencing**: Optimized provided worse results
- **Georeferencing:** Incorrect measurement coordinates after georeferencing
- **Import TOS:** Could not import a TOS file from drive root path
- **Measurements:** 2D measures were not moved after georeferencing
- **Registration:** Center on station would not work if station is off screen
- **Scan Index:** Index values not accounted for when importing
- **Scan Index:** Index values not updating after deleting a station from the SD card
- **Scan Index:** Hyphen (-) was allowed to be entered
- **Station View:** Measurements in the wrong place after registration
- **TOS Import:** Fails if the file name contains unicode characters
- **USB Cable Workflow:** Connection would not switch when the cable was plugged/unplugged
- **X12 Scans:** Multiple copies of the same station were transferred from the X12 to Perspective
- **X12 Settings:** Asked to enter the password after changing it

Legal Notices

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Release Notice

This is the September 2024 release of the Release Notes. It applies to version 2024.10 of the Trimble® Perspective® software.