

Integrated GPS in your controller – convenience and time savings in your hands

Surveyors often use handheld GPS receivers for navigation and rough positioning. Trimble field controllers with integrated GPS provide these functions and more, without the need to carry an additional device in the field.

The convenience of a GPS receiver built in to your Trimble controller.

- Navigation and retracement
- Geo-tagged photos
- GPS Search with Trimble robotic total stations

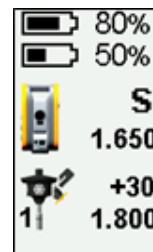
Navigate to Point

Many surveyors use their survey-grade GNSS systems to navigate to boundary markers or control points. But you don't need a high-precision system for navigation. You can use the integrated GPS receiver in your Trimble® TSC3 controller or Trimble Tablet Rugged PC to navigate without setting up your survey-grade system.



Above: A background image displays the location of the controller using the internal GPS and the point 1001 that you are navigating to.

Below: The prism icon in Trimble Access indicates that GPS search is active.



A SIMPLE, EFFICIENT TOOL

Integrated GPS streamlines important surveying tasks.

OLD WAY:

- Navigation by map and compass.
- Follow fence lines, trails or other features.
- Gauge distances by pacing or estimates.
- Carry a separate camera and handheld GPS receiver.

NEW WAY:

- Use GPS to provide guidance to points.
- Take the most efficient route and avoid hazards and delays.
- Quickly collect locations of reference marks and other features.
- Capture geo-tagged images using the built-in camera.

When you've located the point, store its location in the Trimble® Access™ software job, and then use your Trimble survey system to capture precise information.

Geo-tag your photos

To geo-tag your photos, use the integrated GPS to automatically capture location information for each image. The positioning data is embedded in the image for use in Trimble® Business Center, Trimble Connected Community or third-party applications.

How to enable geotagging in the TSC3

1. Tap Fn + 1 to start the camera application
2. Tap Menu / Geotagging to access the geotagging options, where you can select to enable:
 - Exif data only
 - Embed text only
 - Both

If imbedding the position information as text on the actual image, you can also configure the font type, size, color, location and format.

The GeoXR, Tablet and the TSC3 controllers also support GPS location and image collection.

GPS Search

The integrated GPS receiver even helps with robotic surveying. With a single keystroke, Trimble's GPS Search feature points the total station toward the target and locks onto the prism. When you use a Trimble Integrated Surveying rover, the software automatically selects the most precise source for GPS positions.

Visit the Trimble website for more information:

<http://www.trimble.com/survey/Controllers.aspx>

