



Product FAQ

GEOSPATIAL
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TRIMBLE PERSPECTIVE MOBILE

Introduction

Trimble announces Trimble Perspective Mobile (TPM), a new mobile application for quick and easy scanning with the Trimble X7 3D Laser Scanner. This document will answer the anticipated frequently asked questions.

What is the new Trimble Perspective Mobile?

Trimble Perspective Mobile is a new mobile phone app to pair with the Trimble X7 3D Laser Scanner and provide access to the core functionality of the Trimble Perspective software.

What are the key messages for Trimble Perspective Mobile?

- Versatility to control the Trimble X7 via mobile phone
- More options to operate the way you want
- Delivers the core functionality of the Trimble Perspective field software
- Advanced alternative to push button operation
- Free supplemental solution that's easy to access and install on any device

What are the core functions of the Trimble Perspective Mobile?

- Wi-Fi connection to control the Trimble X7 via iOS and Android phones
- Create and manage projects
- Set all scan and imaging parameters
- 2D viewing of scans and images
- Verify data capture

<https://geospatial.trimble.com/trimble-perspective-mobile>

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What are the advantages to using Trimble Perspective Mobile vs push button operation?

TPM provides the core functionality to manage projects and control the Trimble X7 when the tablet is not used. The push button operation is limited to using the last scan parameters used in Trimble Perspective and provides no feedback about data capture in the field.

Who is the target market for this solution?

Trimble X7/Perspective customers who prefer to control the scanner from their phone or need a more complete solution than push button operation when a tablet is not available.

What are the primary benefits and use cases for this solution?

- Users will have a more complete backup solution to continue scanning if they experience a tablet failure or battery issues in the field.
- TPM enables all of the core functionality where push button operation does not.
- Surveyors using the X7 with total stations for survey control may choose not to use a tablet for in field registration and prefer to register back in the office with Trimble Business Center or RealWorks.
- Trimble X7 users may prefer to operate in the field without a tablet and register scans in the office. TPM gives them the option.
- TPM will minimize the amount of equipment that must be carried when working in tough environments or accessing difficult areas.
- TPM will provide a viable controller option for users on a tight budget.

What functions are not supported using Trimble Perspective Mobile vs running a full version of Trimble Perspective on a tablet?

- Automatic in field registration
- 3D viewing
- High resolution 2D viewing of scans and images
- Annotations
- Measurements
- Georeferencing
- Field Calibration and Diagnostics reports

Where is data from Trimble Perspective Mobile stored?

Data will only be stored on the SD Card when operating the scanner with TPM standalone. There is no data redundancy unless the tablet is also connected to the scanner at the time data is being captured with TPM. Users must import or sync data to the tablet or transfer data from the SD Card to either Trimble RealWorks or Trimble Business Center to register back in the office.

How are new and existing projects managed?

TPM can create new projects or open existing projects that were created on the tablet. New projects created in TPM will have to be imported to the Trimble Perspective tablet, Trimble Business Center or Trimble RealWorks. Data captured for existing projects that were created on the tablet can be synced with the project on the tablet.

Can you view the scans and images from projects when the scanner is not connected?

No, the scanner must be connected for the TPM app to access the data on the scanners SD Card.

Can the different methods to scan with the Trimble X7 be used in combination?

Yes, you can use a tablet, phone, push button or any combination.

What phones are supported by Trimble Perspective Mobile?

Both iOS and Android phones are supported.

How do you download the Trimble Perspective Mobile app?

Download the TPM app from the following stores.

- iOS - Apple Store
- Android - Google Play Store

What versions of iOS and Android are required?

- iOS - 13.0 or greater
- Android - 5.0 or greater

Should you grant local network permission if you receive a request when connecting with an Apple iPhone?

When using iOS version 14 and above, the TPM app will prompt the user for a 'Local Network' permission request when connecting to the scanner for the first time. Please allow permission so the app can connect to the scanner. If permission is not allowed, the connection will fail.

How do you sign-in to the Trimble Perspective Mobile app?

Tap Sign-in and enter your Trimble ID or tap Create an Account to create one.

Do I need to update the X7 firmware to support the TPM app?

Yes, you should update to X7 firmware version 2.2.42 or greater.

Do I need to update the Perspective software to support the TPM app?

Yes, you should update to Perspective version 2.1.1.1425 or greater.

How much does the Trimble Perspective Mobile cost?

TPM is free! The app can be downloaded to as many phones as needed at no cost.