DATASHEET



Provided by Xpert Survey Equipment
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KEY FEATURES

A unique 3D scanner designed for surveying professionals

Versatile to meet surveying needs in new and traditional applications

Complements other Trimble surveying systems in an Integrated Surveying™ solution

An important component of the Connected Survey Site



THE TRIMBLE GX 3D SCANNER IS AN ADVANCED SURVEYING INSTRUMENT THAT USES HIGH SPEED LASER AND VIDEO TO CAPTURE COORDINATES AND IMAGE DATA

A SURVEYING WORKFLOW

The Trimble® GX™ 3D scanner is the first 3D laser scanner to offer a true surveying workflow. As such, the Trimble GX 3D scanner offers unique possibilities for surveying businesses: it opens doors to new opportunities and increases efficiency in traditional applications.

The surveying workflow is supported via features such as leveled station setup, flexible power supply options, and support for the rugged Trimble controllers popular among surveyors¹. By thus "thinking like a surveyor" the Trimble GX 3D scanner offers significant benefits:

- Faster and fewer setups 2
- Portability
- The ability to complement other surveying systems, such as the Trimble® S6 Total Station or Trimble ® R8 GPS System

The Trimble GX 3D scanner enables surveying professionals to immediately incorporate 3D laser scanning into their business portfolio. With its short learning curve, the Trimble GX 3D scanner quickly provides optimal productivity gains and a fast return on investment.

EXCEPTIONAL VERSATILITY

The Trimble GX 3D scanner is remarkably versatile. Unique features allow the Trimble GX 3D scanner to adapt to each job's individual needs:

- The instrument suits multiple surveying applications. On many traditional surveying jobs, the instrument saves up to 80% of human resource costs, particularly when combined with Trimble ® RealWorks Survey™ office software, which easily manages the enormous amounts of data in scan files.
- For some jobs you can set up on a known point or perform a traditional resection to determine the coordinates and orientation of the project. For other jobs, set up anywhere and take care of the coordinates later.

- Real-time autofocus helps collect highly precise data in a short time; a 360 servodriven system scans indoors and outdoors.
- When a job requires less detail but longer range, the Trimble ® OverScan™ technology boosts data acquisition capability up to 350 m. This feature allows fewer setups for shorter survey times, and the scanning of larger objects.

The versatility of the Trimble GX 3D scanner ensures that your investment is always working and always increasing your profitability.

THE ORIGINAL INTEGRATED SURVEYING SOLUTION AND BEYOND

Trimble's 3D scanning systems support Integrated Surveying and are an important part of Trimble's total surveying solution.

On a survey site you can combine surveying techniques to complete the requirements of a job. For example, set up a traverse using an optical solution such as the Trimble S6 Total Station, then on the control point, scan the survey area with high resolution using the Trimble GX 3D scanner.

In the office, RealWorks Survey imports scan files to a PC for manipulation. The software also supports processed GPS and optical data, so all your information from a survey site can be combined in one project file.

Whenever you're facing new surveying challenges, your partnership with Trimble places the right tools and techniques, including 3D scanning, at your fingertips. Each Trimble system seamlessly integrates via shared workflows and technologies, making your everyday job site a place where the whole is greater than the sum of its parts: Welcome to the Connected Survey Site.

1 For example, the Trimble Recon ® Controller, a Pocket PC device. 2 A typical setup takes less than 5 minutes.



TRIMBLE GX 3D SCANNER

PERFORMANCE Range	Trimble tribrach; ethernet cable for connection of scanner to data collector; 50 adhesive flat targets; Trimble 3D Scanner Field Software installation kit PocketScape field software and adhord tion ation ation ation ation ation ation able) 35 moles of the control of the cont
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of their respective owners. PN 022543-148 (10/05)

Specifications subject to change without notice.

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