



### KEY FEATURES

A total Spatial Imaging solution with an easy, seamless workflow

Trimble SureScan patented technology for fast, smart scanning

Real-time true-color acquisition provides realism and accuracy of scanned targets

Remote control with Trimble TSC2 for efficient integration of true surveying practices



The Trimble GX 3D Scanner is an advanced surveying and spatial imaging sensor that uses high speed laser and video to capture coordinates and image data. The powerful capabilities of the Trimble GX 3D Scanner and its supporting system increase your competitiveness today and open doors to new business opportunities.

#### **CAPTURE ALL THE POINTS YOU NEED, NOT JUST ALL THE POINTS**

With the latest generation of the Trimble® GX™ 3D Scanner, you can collect millions of points for photo-realistic resolution, or you can collect exactly the number of points you need. It's up to you: Trimble® SureScan™ patented technology lets you scan smarter—and faster.

Trimble SureScan automatically adapts your scanning parameters to the geometry of a scanned object, and controls scanning movement to keep a constant user-defined space between points in 3D. This unique, innovative function maintains the equal density of points even for target objects such as roads and tunnels, where distances to points vary. You won't capture too many points at short distances and too few points at longer distances—you also won't capture measurements you don't need.

Being more efficient in the field operation translates directly into faster and easier data processing.

#### **THE TRIMBLE GX 3D SCANNER: PART OF A BIGGER PICTURE**

The Trimble GX 3D Scanner is just one advanced component of a superior surveying and Spatial Imaging solution that lets you capture, extract, and analyze spatial data. Comprising the Trimble GX itself, the field-proven Trimble® TSC2® controller, and the powerful RealWorks Survey™ office software, the complete system enables surveyors and geospatial professionals to generate compelling deliverables for clients.

Trimble RealWorks Survey can take the millions of points captured in a single scan and convert them into a usable form for processing in RealWorks Survey or your

favorite CAD package. RealWorks Survey automates each step from data capture to client-ready deliverable—it's powerful but extremely easy to use.

The TSC2 Controller runs Trimble PocketScape Spatial Imaging field software, plus standard and specialized Windows Mobile programs<sup>1</sup>. Its industry-leading communication technologies offer cable-free convenience and wireless connectivity anywhere, and the TSC2 can be used with all Trimble sensors on the job, including GPS/GNSS systems and total stations.

#### **CATCH AND SHARE THE VISION**

The Trimble GX 3D Scanner includes Trimble® VISION™ technology for digital image streaming and capture. Using a digital image on the TSC2 screen, users can quickly identify and capture relevant data with a simple point-and-click; the image can then be transferred with the data. This process makes project handover to colleagues simple—the image helps identify and orient the points. Data processed in RealWorks Survey software can then be delivered to your clients in compelling 2D and 3D.

<sup>1</sup> The Trimble GX can also be controlled using PointScape software, which runs on a laptop computer in the field.

