



TRIMBLE SX10 SCANNING TOTAL STATION

Setting a new standard in surveying performance, the **Trimble® SX10 Scanning Total Station** was designed for DOTs. Innovative and versatile, this three-in-one machine allows Department of Transportation teams to collect any combination of high-density 3D scan data, enhanced Trimble VISION™ imaging, and high-accuracy total station measurements.

Whether you're surveying road corridors or city infrastructure, checking ADA compliance or bridge clearances, the Trimble SX10's remote capabilities keep your workers off of busy highways and safely out of harm's way. Because the data capture is so precise, you can spend less time analyzing it and more time acting on it. Beyond safety, the Trimble SX10 improves overall workflow efficiency, so you can cover more ground in less time.



Roadway/Corridor Surveys

The SX10 dramatically improves safety and reduces costs by scanning road corridors and intersection details without putting workers in dangerous roadways. By minimizing the need for road closures, it improves overall business and commerce. With the SX10, DOTs work from a safe distance, quickly capturing data such as flow-lines, manholes, and right-of-way monumentation. They can then extract and process the data back in the office. Detailed imagery can be added to provide site context, which improves communications between field and office teams.

Right of Way Assessment/Road Boundary

The SX10 uses pictures and scans to make documentation of any right of way or road boundary easier than ever. The rich dataset enables both of these types of documentation and also gives you more highly accurate information for analysis back in the office.

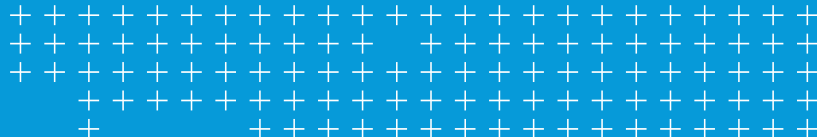
Control for Photogrammetry (Aerial and Mobile Lidar Systems)

Department of Transportation teams can use the SX10 for Photogrammetric Control and Mobile Lidar QA/QC applications. This allows DOTs to capture images/points in the field while keeping survey crews and the traveling public safe.

As-Built/Structures (Bridges/Pavements/Roads)

Thanks to the SX10's range, it's easier to document state and federal infrastructure assets in order to evaluate damage and the scope of needed repairs. Use the SX10 to make markings for construction and to gain an extension of arms-length inspections, reaching previously inaccessible areas of structures.





ADA Compliance

The Trimble SX10 makes compliance inspections of ADA installations safer, more precise, and more efficient. Its range means surveyors can perform the inspections at a safe distance, out of dangerous roadways. Its highly accurate images and scan data ensure you get the clear and robust information you need to make a reliable evaluation.

Point Cloud Data Capture

With the Trimble SX10, you can easily capture point cloud data and then automatically register it with your survey workflow. Whether you're capturing full dome scans from your station setup or simply augmenting your survey data with scans of specific areas of interest, you can be confident that all of the information will seamlessly integrate with your survey coordinate system.

Clearance Verification (Bridges/Signs Powerlines/Vegetation)

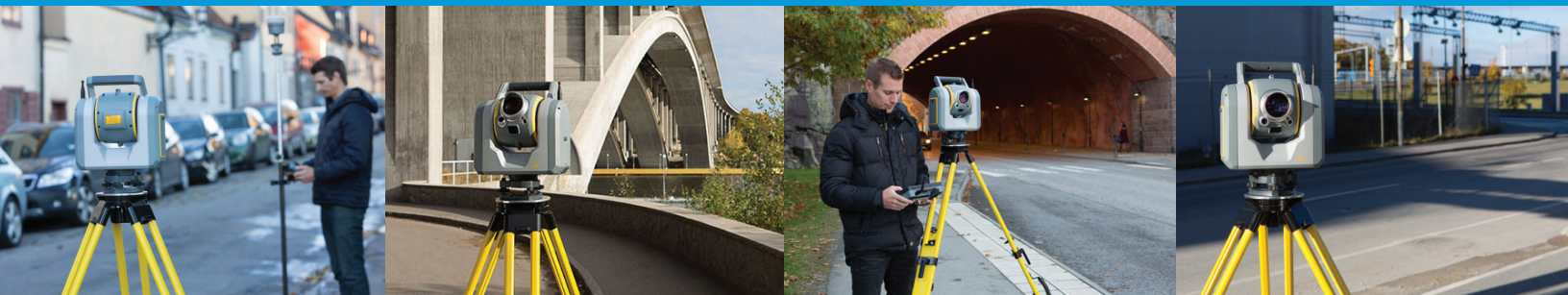
Rely on the SX10 to deliver the rich, precise data necessary to effectively and reliably check clearances around critical infrastructure. While field technicians can provide only limited assessments, the SX10's dense scans offer a clear and accurate measurement of dimensions, heights, and horizontal and vertical clearances to identify potential problems.

Trimble Business Center Integration

Back in the office, Trimble Business Center lets you fully integrate Trimble SX10 data into your projects using the familiar workflows of the market leading survey office software. Enhanced point cloud management, automated extraction and interoperability to leading CAD and GIS packages ensures that you can satisfy even your toughest client demands.

The Trimble SX10 lets you cover more ground

The Trimble SX10 scanning total station sets a new standard for accuracy, capability, and performance for Department of Transportation teams. Whether you're performing a typical job or your most challenging survey projects, the SX10 gives you the confidence to cover more ground.



Contact your local Trimble Authorized Distribution Partner for more information

NORTH AMERICA
Trimble Navigation Limited
10368 Westmoor Drive
Westminster CO 80021
USA

EUROPE
Trimble Germany GmbH
Am Prime Parc
1165479 Raunheim
Germany
+49-6142-2100-0 Phone
+49-6142-2100-550 Fax

ASIA-PACIFIC
Trimble Navigation
Singapore Pty Limited
80 Marine Parade Road
#22-06, Parkway Parade
Singapore 449269
Singapore
+65-6348-2212 Phone
+65-6348-2232 Fax

© 2016-2017, Trimble Inc. All rights reserved. Trimble and the Globe & Triangle logo are trademarks of Trimble Inc., registered in the United States and in other countries. VISION is a trademark of Trimble Inc. All other trademarks are the property of their respective owners. PN 022516-242A (01/17)