



CRASH & CRIME SCENE MAPPING

Measurement Lasers
Field Data Collection Software

Complete Field-to-Courtroom Diagram
Indoor and Outdoor Solutions

TRAFFIC SAFETY



▶ CRIME SCENE MAPPING

Surveying a crime scene is a tedious task that needs to be documented quickly, yet with a high level of accuracy. The evidence cannot be disturbed, and the documentation needs to be carefully preserved.

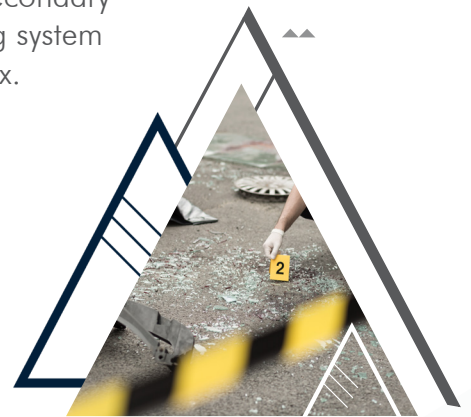


- ▶ Have confidence that valuable points are accurately collected
- ▶ Use advanced technology that is affordable for any department
- ▶ Set up and measure your first point within seconds
- ▶ Preserve the scene by plotting points from a preferred distance

CRASH SCENE MAPPING ▶

With the high cost of shutting down roadways and the dangerous risk of secondary crashes, time is always of the essence. This stand-alone complete mapping system complements the tools and workflows in your crash scene mapping toolbox.

- ▶ Set up in seconds and start mapping within minutes
- ▶ Reflectorless technology eliminates the need for a prism
- ▶ Use control points to stitch together large scenes and create reference points for drones or robots



▶ MAPPING PACKAGES

TruPulse® 200X + MapStar® TruAngle®

- ▶ Ideal for larger outdoor scenes
- ▶ Uses 7X magnified scope for aiming
- ▶ Provides needed functionality and accuracy at an affordable price
- ▶ Measure distance, inclination, and horizontal angle values with the capability to capture X, Y, and Z coordinates for 3D mapping



QuickMap 3D (QM3D) field data collection software is the first of its kind on the iOS and Android platforms. This app delivers the flexibility and easy workflow needed for effective scene mapping. It's a simple yet powerful program that integrates with LTI's laser mapping systems and smart devices. QM3D was specifically designed so that more time can be spent mapping rather than training. Download and try it out for free for the first 30 days.



Experience an Easy Workflow

Easily collect, store, and identify critical evidence, with helpful reminders as you map



Email Your CAD-Ready Map

Transfer up to 70% of your CAD work from tablet to PC, hassle- and cable-free



Take Photos within Your Map

Every photo taken is automatically saved with the file name, point number, and notations



Pay Less for Tech and Training

Save time and money with a mapping system that is affordable and requires basic training



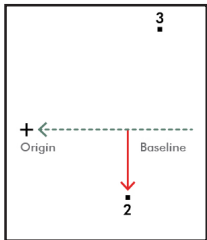
Quality Check Your Data on Scene

Easily review and edit data in real-time and watch your map take shape with each point



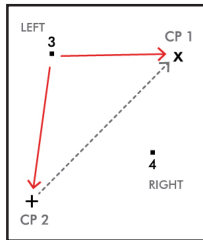
Collect Data Your Way

QM3D is adaptable to any scene with specialized mapping techniques for any situation or equipment assembly. Quickly identify points with a custom-built pick list of commonly mapped features.



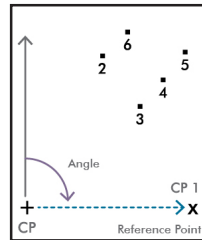
Baseline Offset

Occupy the roadside and measure all features at a 90° angle



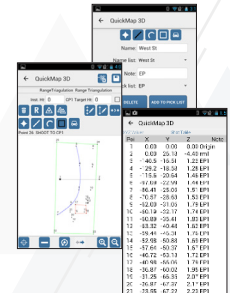
Range Triangulation

Occupy the feature and measure to the same two remote targets



Radial with Angle

Occupy any safe location and measure to features at any angle



QM3D Report Formats

- Text Report (*.txt)
- ASCII Report (*.asc.)
- Spreadsheet Report (*.csv)
- CAD File (*.dxf)
- Raw Data (*.raw)
- Graphic Small (*.png)
- Graphic Large (*.png)

Compatible CAD Programs

- FARO Zone 2D
- FARO Zone 3D
- Map360
- CSI Office
- EdgeFX
- Aras 360

Search "LaserSoft QuickMap"





**LASER
RANGEFINDERS**

	TruPulse® 200X	TruSpeed® Sxb
Range	Reflective 8,200 ft (2,500 m) Nonreflective 6,233 ft (1900 m)	2,000 ft (609 m)
Speed	N/A	0 to 200 mph, ± mph accuracy
Range Accuracy	± 1.6 in (4 cm) Typical	
Inclination Accuracy	± 0.1° Typical	
Power	(1) CR123A Battery	



**ANGLE
ENCODERS**

	MapStar® TruAngle®
Angle Range	0 to 359.99°
Angle Accuracy (Mounted)	±0.05°
Power	(2) AA Batteries, up to 8 hours use
Communication	RS 232, NMEA