

# MOBILE MAPPING SOLUTIONS

- + Smartphone Apps
- + Esri® Mobile Solutions
- + GPS / GNSS Mapping Accessories
- + LTI Field Data Collection Software

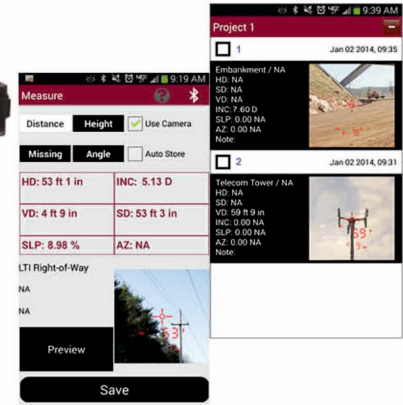


## LaserSoft™ Measure App

Makes field measurements as easy as 1-2-3, stores scope shot images and files them any way you want.

- Makes data collection easy for non-GIS experts
- Stores 7x scope shot images and all laser data values
- Organizes files by project name

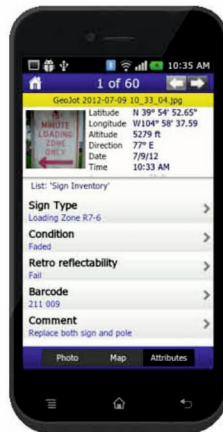
- Search "LaserSoft Measure"



## GeoJot+

Geotags photos, auto-accepts remote laser positions and heights, and sends all collected data in real time via the cloud.

- Runs on most mobile devices (iOS, Android and Windows Mobile)
- Generates reports and exports Shape files
- Easily transfers licenses between devices



## ArcGIS® for Windows Mobile

Transfers the laser's distance, inclination and azimuth data into a current GPS location and creates a corresponding vertex for target geometry.

- Collects, edits and updates features and attributes
- Provides a laser offset solution for the built-in CollectionFeaturesTask
- Uses points, polylines or polygons for field data collection



**TRUPULSE® 200L**  
Calculates HD, HT & 2D ML. Outperforms and costs less than many recreational rangefinders.



**TRUPULSE® 200B**  
Calculates HD, HT & 2D ML. Produces better accuracy, increases field of view and transfers data via Bluetooth®.



**TRUPULSE® 200X**  
Calculates HD, HT & 2D ML. Achieves the highest accuracy, adjusts to varying light conditions and is waterproof.



## MapStar® TruAngle®

Achieves high horizontal angle precision and is completely unaffected by local magnetic interference.

- Produces accurate 3D positions with any LTI laser
- Sets up, levels and zeros out in a matter of seconds
- Operates easily with simple two-button interface



## Novagrade® Universal Adapters

Turns your smartphone or tablet into a field data collection machine and is the only compact digiscoping adapter on the market.

- Aligns the TruPulse optics with the device's camera lens
- Allows you to shoot images or video of the laser's in-scope data display



## LaserGIS® for ArcPad®

Enhances laser mapping in ArcPad with quicker configurations, fewer steps and more automated attribute data input.

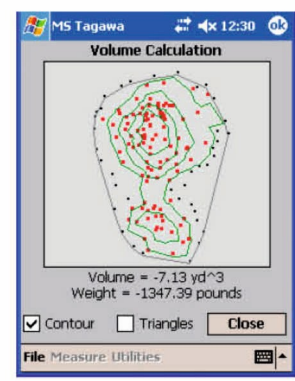
- Auto-accepts heights and other attribute data
- Maps multiple targets without touching the software
- Adds traverse and area calculations



## MapSmart®

Makes field data collection easy for non-surveyors and exports the data into Excel for simple post processing.

- Collects data by your choice of four mapping methods
- Displays points, lines and polygons in real time
- Calculates stockpile volume (optional upgrade)
- Operates on Window Mobile devices (WM5 or later)



**TRUPULSE® 360°**  
Calculates HD, HT & 3D ML. Solves 3D missing line calculations between two remote points and measures AZ.



**TRUPULSE® 360°B**  
Calculates HD, HT & 3D ML. Provides full measurement capabilities and transfers data via Bluetooth®.



**TRUPULSE® 360°R**  
Does it all and transfers data via Bluetooth®. Withstands harsh environments with a rugged, waterproof housing.

# Specifications



	TruPulse® 200L	TruPulse® 200/B	TruPulse® 200X	TruPulse® 360°/B	TruPulse® 360°R
Measures Azimuth with TruVector Compass Technology	No	No	No	Yes	Yes
Calculates SD, HD, VD and INC Between Two Remote Points	Yes	Yes	Yes	Yes, plus AZ	Yes, plus AZ
Distance Accuracy to Typical Targets	± 1 m (3 ft)	± 30 cm (1 ft)	± 4 cm (1.6 in)	± 30 cm (1 ft)	± 30 cm (1 ft)
Distance Accuracy to Very Distant/Weak Targets	± 1 m (3 ft)	± 0.3 to 1 m (1 to 3 ft)	± 4 to 30 cm (1.6 in to 1 ft)	± 0.3 to 1 m (1 to 3 ft)	± 0.3 to 1 m (1 to 3 ft)
Inclination Accuracy	± 0.5° Relative	± 0.25° Typical	± 0.1° Typical	± 0.25° Typical	± 0.25° Typical
Azimuth Accuracy	N/A	N/A	N/A	± 1° Typical	± 1° Typical
Max Range to Reflective Targets	1750 m (5,740 ft)	2000 m (6,560 ft)	2500 m (8,200 ft)	2000 m (6,560 ft)	2000 m (6,560 ft)
Max Range to Non-Reflective Targets	1750 m (5,740 ft)	1000 m (3,280 ft)	1900 m (6,233 ft)	1000 m (3,280 ft)	1000 m (3,280 ft)
RS232 Serial Com Port	No	Yes	Yes	Yes	Yes
Bluetooth® Com Port	No	B model has Android	iOS and Android	B model has Android	Android
Scope Magnification / In-Scope Display Type	4× / LCD	7× / LCD	7× / LED	7× / LCD	7× / LCD
In-Scope Field of View	131 m @ 915 m away (430 ft @ 3,000 ft)	100 m @ 915 m away (330 ft @ 3,000 ft)	100 m @ 915 m away (330 ft @ 3,000 ft)	100 m @ 915 m away (330 ft @ 3,000 ft)	100 m @ 915 m away (330 ft @ 3,000 ft)
Waterproof / Environmental	No / IP54	No / IP54	Yes / IP55	No / IP54	Yes / IP56
Temperature	-20° to 60° C (-4° to 140° F)	-20° to 60° C (-4° to 140° F)	-20° to 60° C (-4° to 140° F)	-20° to 60° C (-4° to 140° F)	-20° to 60° C (-4° to 140° F)
Battery Type (8 hrs. of continuous use)	(1) CR123A	(2) AA or (1) CRV3	(1) CR123A	(2) AA or (1) CRV3	(1) CR123A
Size L x W x H	11.5 x 10 x 5 cm (4.5 x 2 x 4 in)	12 x 5 x 9 cm (5 x 2 x 3.5 in)	13 x 5 x 11 cm (5.2 x 2.1 x 4.5 in)	12 x 5 x 9 cm (5 x 2 x 3.5 in)	13 x 5 x 11 cm (5.2 x 2.1 x 4.5 in)
Weight	220 g (8 oz)	285 g (10 oz)	382 g (13.5 oz)	285 g (10 oz)	385 g (13.6 oz)
Available Colors	LTI Red	Yellow Grey	LTI Red	Yellow Grey	Black

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