

MOBILE MAPPING SOLUTIONS



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



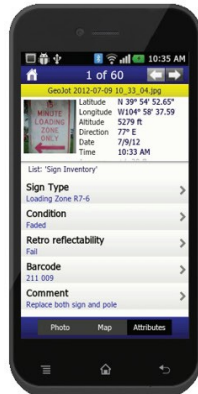
www.gsrlasertools.com.au

 **LASER_{TECH}NOLOGY**
Measurably Superior®

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 and Android)
- Generates reports and exports Shape files
- Easily transfers licenses between devices



ArcGIS® for 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



LaserSoft™ Measure

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 in categories and subcategories



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



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 any lighting condition and is waterproof.

MapStar® TruAngle®

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

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



TruPulse® iPhone® Scope Adaptor

Turns any iPhone into a field data collection machine by taking an image or video of the laser's in-scope data display.

- Aligns the TruPulse optics with the phone's camera lens
- Enhances your field data collection experience
- Protects the phone with a composite bumper case



FotoMapr L100 GPS

Establishes a good GPS reference without paying too much and allows you to collect multiple offset locations from a single point.

- Stores data onboard with micro-SD card
- Outputs *.log and *.kml file formats
- Integrates with lasers



MapSmart®

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

- Collects data in your choice of four methods
- Displays points, lines and polygons in real time
- Calculates stockpile volume (optional upgrade)



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® 360R
Measures Azimuth with TrueVector 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 (1.5 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 (1.5 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	Yes (iOS compatible)	B model	Yes
Scope Magnification / In-Scope Display Type	4x / LCD	7x / LCD	7x / LED	7x / LCD	7x / 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 / IP56	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	11.5 x 10 x 5 cm (4.5 x 4 x 2 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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**Measuring, levelling
and layout solutions
for all trades**

Mining - Aligning - Engineering - Environmental - Civil Construction
Surveying - Geological - Glass Testing - Speed Detection

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