

# TRUPULSE® 360° LASER RANGEFINDER



The TruPulse 360 is the premier, professional-grade measurement and mapping laser rangefinder. Having LTI's exclusive TruVector 360° Compass Technology® built in, its measurement capabilities go far beyond just calculating distances and heights. Now with improved performance, the new TruPulse 360 has set the bar even higher, giving professionals the ability to do their job faster, safer and more efficiently.

## New and Improved!

- 33% more precise
- 25% better target acquisition
- Increased azimuth accuracy
- Bluetooth® communication included
- 2-year limited warranty

## TruVector 360° Compass Technology

- Produces accurate and repeatable azimuth (AZ) results regardless of the tilt or pitch you use to aim the laser
- Recognizes conditions that will affect the reliability of the compass accuracy and prompts you to recalibrate



## Advanced Targeting

- LTI's reflectorless technology allows you to capture data safely and conveniently to practically any target or surface type
- Capture the correct measurement to your intended target by choosing from any of the 4 targeting modes
- Consistently achieve highly accurate and repeatable results that true professionals need to do their job

## Mobile Mapping

- Seamless integration with popular GPS/GNSS and GIS apps and software solutions for laser offset mapping
- Collect additional attribute data such as heights, spans and multiple values between any two remote points



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## Ideal Applications



### GIS MAPPING

- GPS/GNSS Laser Offsets
- Attribute Data Collection
- Elevation Values



### PUBLIC WORKS

- Asset Mapping
- Land Use Planning
- Tree Inventory



### NATURAL RESOURCES

- Habitat Mapping
- Archeology
- Stockpile Volumes

# TRUPULSE® 360 LASER

## Measurement Solutions

Measured  
by TruPulse:

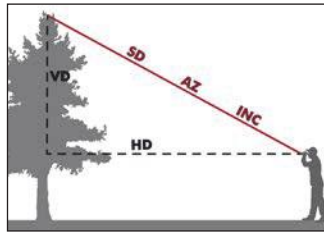


Calculated  
by TruPulse:

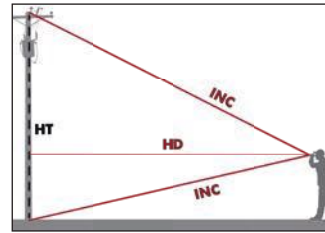


HD = Horizontal Distance  
VD = Vertical Distance SD = Slope Distance  
INC = Inclination HT = Height  
ML = Missing Line AZ = Azimuth

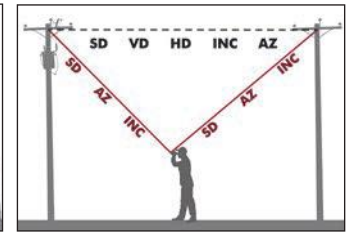
1 Shot = 5 Values



3-Shot Height



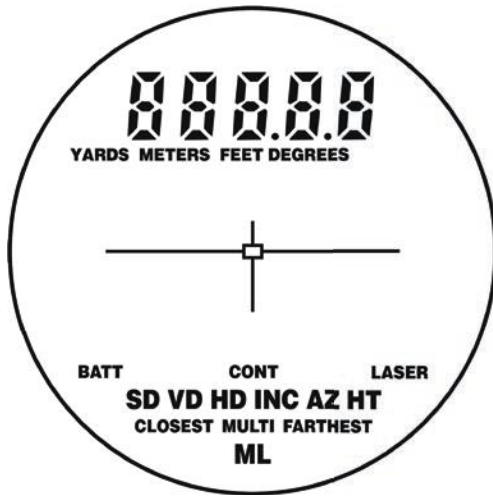
2-Shot 3D Missing Line



## Specifications

Distance Accuracy to Typical Targets	± 0.2 m (8 in)
Distance Accuracy to Weak Targets	± 1 m (3 ft)
Inclination Accuracy	± 0.25° Typical
Max Range to Reflective Targets	2000 m (6,560 ft)
Max Range to Non-Reflective Targets	1000 m (3,280 ft)
Azimuth Accuracy	<0.5° RMS; typical
Communication (COM Port / Bluetooth)	RS-232 / Windows + Android
Scope Magnification	7×
In-Scope Field of View	10 m @ 91.5 m away (33 ft @ 300 ft)
Environmental Rating	Water-resistant / IP54
Temperature Range	-20° to 60° C (-4° to 140° F)
Battery Type (8 hrs. of continuous use)	(2) AA or (1) CRV3
Size L x W x H	12 x 5 x 9 cm (5 x 2 x 3.5 in)
Weight	285 g (10 oz)

## LCD In-Scope Display



## Targeting Modes

**Closest:** Distinguishes near and far objects and identifies the closest target  
**Farthest:** Distinguishes near and far objects and identifies the farthest target  
**Continuous:** Provides constant updates while shooting multiple targets  
**Filter:** Measures through dense foliage by recognizing only a highly reflective target

## Software & Accessories



**LaserSoft Measure App:**  
Document every measurement you take with LTI's smartphone app and start collecting defensible field data with scope shots and all!



**LaserSoft MapSmart App:**  
Map, measure or position anything with or without GPS. You can also measure and calculate stockpile volumes.



### Hardware Support Brackets:



TruPulse L Bracket  
(PN#7024746)



TruPulse Mounting  
Bracket (PN#7024736)

