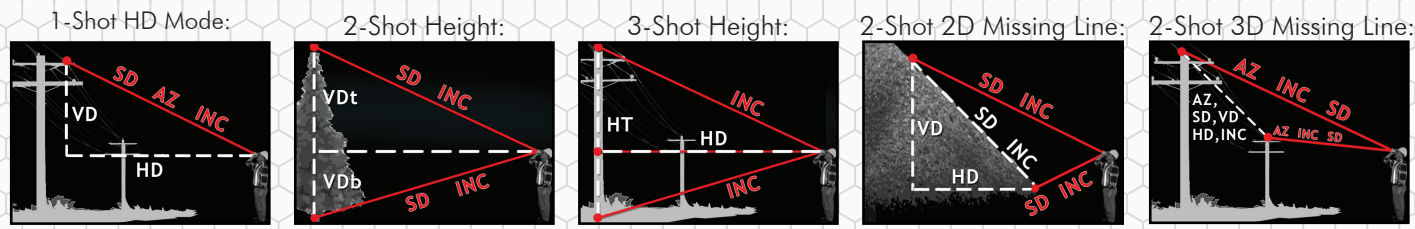


Measurement Solutions

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



Calculated by TruPulse: Measured by TruPulse:

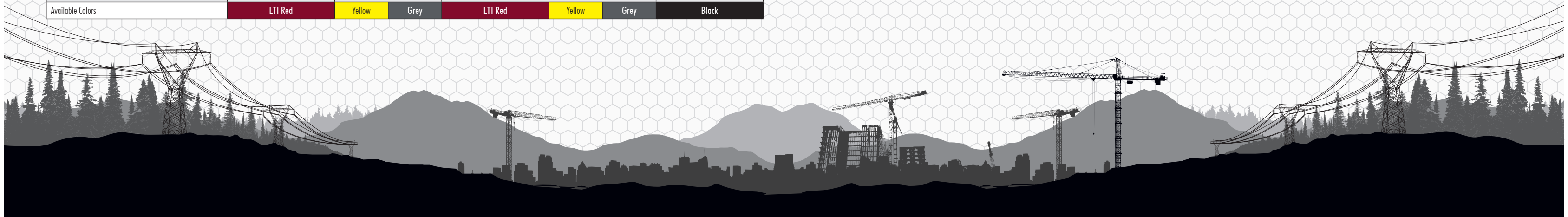
TRUPULSE® LASER SERIES

- + Distance
- + Height
- + Azimuth
- + 2D Slope Grade
- + 3D Missing Line
- + Laser Mapping
- + Remote Positioning
- + GPS Laser Offsets

Specifications



| | TruPulse® 200L | TruPulse® 200/B | TruPulse® 200X | TruPulse® 360/B | TruPulse® 360R |
|---|---|---|---|---|---|
| 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 (1.5 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 |





LTI TruPulse® Laser Series

- Measures Slope Distance (SD) + Inclination (INC) in Degrees or Percent
- Calculates Horizontal Distance (HD) + Vertical Distance (VD) + Height (HT) + 2D Missing Line (ML)
- Distinguishes desired target from surrounding obstructions with Closest + Farthest + Continuous + Filter modes
- Mounts to tripods and has quality optics that enhance your field of view

TruPulse® 200L

- Navigates through menus easily with graphical icons
- Ranges extremely far without a reflector
- Outperforms and costs less than many recreational rangefinders

NEW!



TruPulse® 200/B

- Produces better distance and inclination accuracy
- Increases scope magnification and field of view
- Transfers data via serial port and Bluetooth®



LTI 360° TruVector 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
- Calibrates easily with a simple field routine that can be completed in less than a minute

TruPulse® 200X

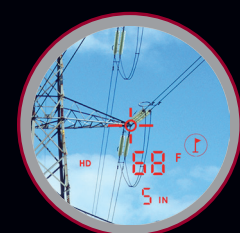
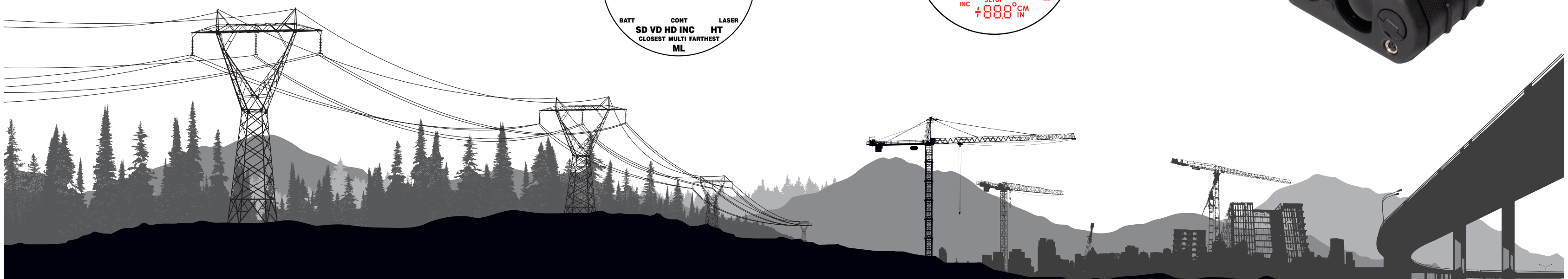
- Achieves the highest distance and inclination accuracy
- Adjusts to any lighting conditions using the in-scope LED display
- Withstands harsh conditions with rugged, waterproof housing

NEW!



TruPulse® 360°/B/R

- Provides full measurement capability with AZ + INC + SD
- Solves 3D missing line calculations between any two remote points
- Integrates with GPS for efficient GIS data capture



ELECTRIC UTILITIES

- Span, Sag and Tension
- GIS Mapping
- Vegetation Management
- Pole Inventory



FORESTRY

- Tree Heights
- Buffer Zones
- Engineering Surveys
- Sale Layout



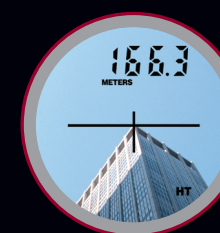
NATURAL RESOURCES

- Ecosystem Management
- Watershed Analysis
- Geologic Mapping
- Environmental Surveys



CONSTRUCTION

- Stockpile Volumes
- Site Inspection
- Crane Positioning
- Face Profiling



TELECOMMUNICATION

- Site Inspection
- Antenna Height
- Obstruction Mapping
- Material Estimation



PUBLIC WORKS

- Land Use Planning
- Facility Mapping
- Asset Inventory
- Emergency Response