

TruPulse 360 Laser Rangefinder



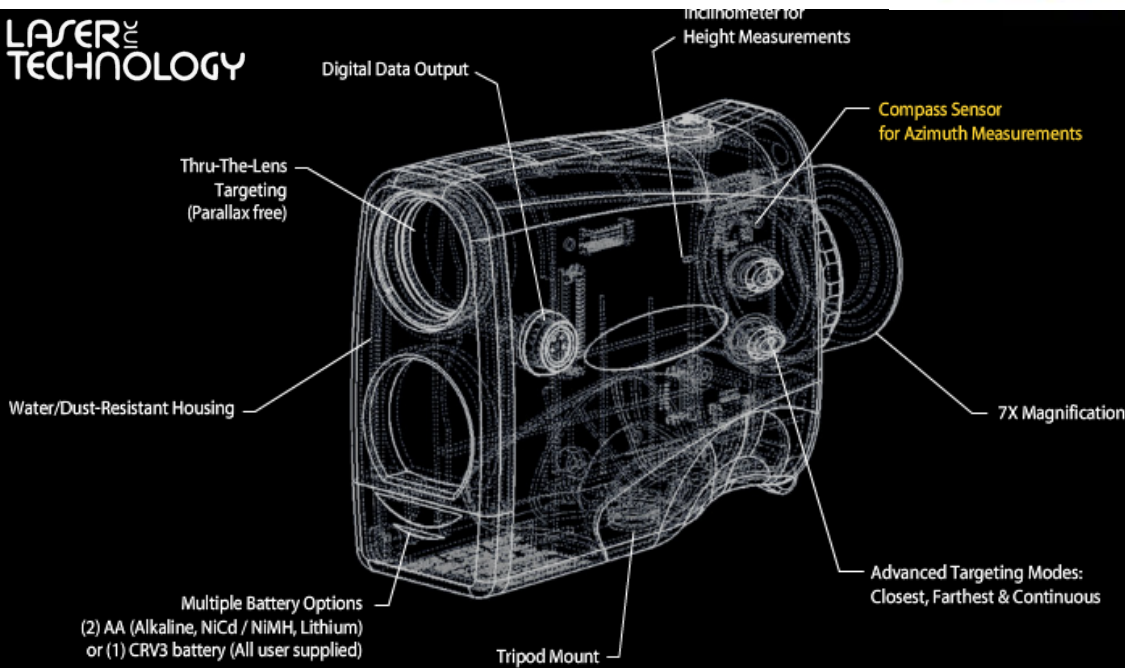
Earth Vector Systems

GPS & Robotic Solutions For Surveying, Mapping & GIS

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LASER
TECHNOLOGY



TruVector™ Technology: Provides the best possible compass accuracy regardless of the laser's orientation. It even warns you when it needs to be calibrated.

Basic Specs

- **Dimensions:** 5" x 2" x 3.5" (12 cm x 5 cm x 9 cm)
- **Weight:** 8 ounces (220 g)
- **Data Communication:** Serial, via wired RS232 (standard) or wireless Bluetooth*
- **Power:** v3.0 volts DC nominal; (1) CRV3 or (2) AA Batteries
- **Display:** In-scope LCD
- **Units:** Feet, Yards, Meters, Degrees and Percent Slope
- **Monopod/tripod Mount:** 1/4" - 20 thread
- **Eye safety:** FDA Class 1 (CFR 21)
- **Environmental:** Impact, water and dust resistant; NEMA 3, IP 54
- **Temperature:** -4°F to +140°F (-20°C to +60°C)
- **Optics:** 7X magnification (field of view: 330 ft @ 1,000 yds)
- **Display:** In-scope LCD
- **Measurement Solutions:**
 - Distance (Horizontal, Vertical, Slope)
 - Inclination (Degrees and Percent Slope)
 - Height (Flexible three-shot routine)
 - Azimuth (Compass bearing for single-shot positioning)
 - Missing Line (Distance, Inclination and Azimuth between any two remote points)
- **Measurement Range:**
 - Distance: 0 to 3,280 ft (1,000 m; typical, 6,560 ft (2,000 m) max to reflective target)
 - Inclination: ±90 degrees
 - Azimuth: 0 to 359.9 degrees
- **Accuracy:**
 - Distance: ±1 ft (±30 cm) typical
 - ±1 yd (±1 m) to low quality targets
 - Inclination: ±0.25 degrees
 - Azimuth: ±1 degree; typical
- **Target Modes:** Standard, Closest, Farthest, Continuous, and Filter
- **TruTargeting:** Automatically provides the best possible accuracy and acquisition distance to a given target
- **TruVector™:** Provides the best possible compass accuracy regardless of the laser's orientation. It even warns you when it needs to be calibrated.

All specifications are subject to change without notice.