Laser Technology, Inc.

LASER TECHNOLOGY INC
Measurably Superior®

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Corporate Description:

Laser Technology, Inc. (LTI) specializes in powerful yet affordable pulsed-laser measurement tools used for GIS/GPS mapping, forestry and natural resource management, utilities, mining and general construction. GPS laser offsets are literally changing the GIS market and LTI's TruPulse® 360 compass laser is leading the way. LTI is a business partner with many of the GIS/GPS industry leaders and supports a dealer network in over 65 countries worldwide. LTI is also involved in the recreational market by designing and licensing its measurement technology to Bushnell, which markets the most successful selling recreational rangefinders in the world.

Application in GPS Market

(Distance & Azimuth) + (GIS & GPS) = The Future of Positioning Technology. By combining the TruPulse 360 with GPS, fieldwork has never been easier because you no longer have to occupy the location you need to record. Simply find a safe and convenient location that works best for you and start mapping away. GPS laser offsets are only one benefit of LTI products; you can capture horizontal, vertical and slope distance, degree of inclination and the height of any feature on all your projects. Start collecting more field data in a lot less time using the power of reflectorless measurement technology. Map More. Move Less.

Key benefits to GPS laser offsets

- Decrease safety liabilities by avoiding dangerous areas
- Record position, height or elevation attributes of multiple features from just one location
- Collect positions where a GPS satellite signal may be blocked by obstructions such as trees, steep terrain or high-rise buildings
- Save time, money and resources by mapping more in less time.

Major Products

TruPulse® 360 - the most compact and reliable integrated compass laser on the market. Just one shot measures slope distance, the degree of inclination and azimuth, which then calculates horizontal and vertical distance. When used in conjunction with GPS, these values enable you to locate any feature with a single shot. The TruVector Compass Technology™ inside provides the best possible compass accuracy regardless of the laser's inclination or orientation. No other compass laser can do that. The onboard Missing Line solution allows you to capture the distance, inclination and azimuth between any two remote points. Integrate with almost any GIS software via the standard serial port or with a Bluetooth® model.

TruPulse® 200 – a distance and height laser that offers the same superior optics with 7X magnification and in-scope data display as the TruPulse 360. The built-in targeting modes (Closest, Farthest and Filter) help ensure you are obtaining the correct measurement every time. This more affordable alternative, that does not include a compass, still allows you to perform GPS laser offsets by using a range triangulation method.

Azimuth Pointing System (APS) – a unique GPS-based compass that produces True North azimuth measurements, a GPS position and the degree of inclination - all in one system. You can now align tower antennas or satellite dishes more accurately because the APS is not affected by local magnetic interference from surrounding metal structures. This simple pointing system is as easy to use as a handheld compass or clinometer. For mobile mapping, attach an LTI laser to the APS and instantly measure the position and height of any feature.