

Topcon LN-1000i

See your point, lock your target, and layout faster.



The LN-1000i Layout Navigator simplifies layout with its one-person, self-leveling setup, reflectorless measurement, and camera-guided targeting

Learn more at topconpositioning.com





Your point, your proof: Layout with camera-guided precision.

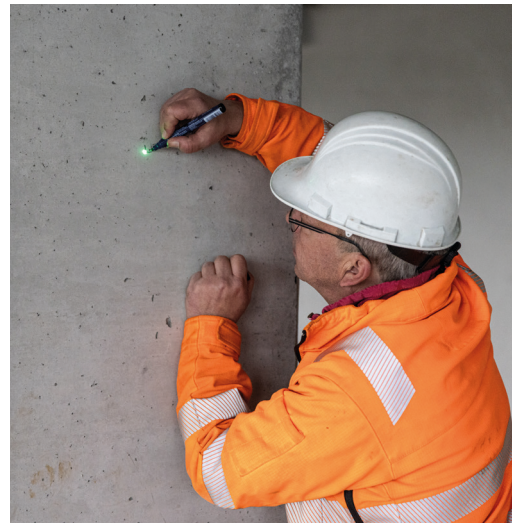
Success on the job site depends on overcoming daily challenges. Congested spaces and constant activity obstruct your line of sight, forcing time-consuming instrument setups. Manual calculations introduce risk, and documenting as-built conditions can be inconsistent. You need reliable tools that meet tight accuracy requirements through long workdays without fail.

The LN-1000i is designed to directly answer these challenges. It streamlines your workflow by combining a simple, one-person, self-leveling setup with powerful features. You can now measure points reflectorlessly up to 50 meters (164 feet) away, reaching difficult overhead areas with an extended vertical range. This capability drastically reduces the need for frequent setups in congested spaces, saving valuable time on every layout task and ensuring your project stays on schedule.

- » Work directly from digital plans to reduce layout errors and eliminate manual calculations.
- » Capture layout points faster, even without a prism, using reflectorless measurements.
- » See your target clearly and lock on instantly with the integrated camera.
- » Increase your layout speed and accuracy with a bright green laser pointer, ideal for interior environments.
- » Simplify your workflow with one-person operation and automatic self-leveling setup.

Precision you can see and trust

Instead of relying on estimations, you can see your target point clearly through the integrated camera and lock onto a prism instantly. The high-visibility green laser makes point identification easier in bright indoor environments, ensuring you meet accuracy requirements with confidence. The entire process connects your digital plans to the field through Topcon Digital Layout software, which simplifies calculations and creates a reliable record of your work.



Camera

Integrated camera provides clear visual documentation that reduces rework.



Green Beam

High-visibility green beam ensures confident point identification.



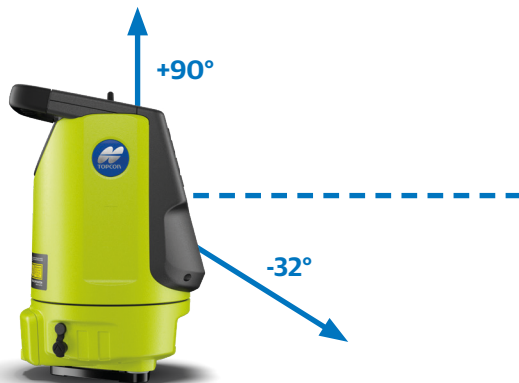
IP65 Durability

Operate reliably in tough job site conditions for longer — maximizing uptime and protecting your investment

Vertical Range

Reflectorless & Laser Pointer

- Reflectorless measurement range: 0.9 to 50 m (3 to 164 ft.)
- Usable Vertical Range: $+90^\circ$ / -32°



Prism Measurement & Auto Tracking

- Measurement Range: 0.9 to 130 m (3 to 426.5 ft.)
- Usable Vertical Range: $+55^\circ$ / -32°



Cut setups. Hit points. Keep schedules on track.



Modern construction projects require laying out hundreds of points for MEP, interiors, and foundations, often with multiple trades working on tight schedules. Traditional methods and prism-only systems can slow you down with manual calculations, frequent setups, and difficulty targeting points in congested areas. This workflow creates opportunities for error, leading to costly rework and project delays.

The LN-1000i is built to solve these jobsite challenges. It combines simple, one-person, self-leveling operation with new tools for faster, more accurate layout. Measure reflectorless up to 50 meters (164 feet) and reach overhead points with its +90° vertical range. Use the integrated camera for live-view targeting and prism lock, and layout your points effectively with the bright green laser pointer.

Feature-Benefit

- **Reflectorless measurement:**
Capture points up to 50m away without a prism – saving time by reducing setups in congested areas.
- **Integrated camera:**
See your target point and lock on instantly – improving layout accuracy and minimizing rework.
- **One-person, self-leveling setup:**
Start working faster with automated instrument setup – increasing on-site productivity and reducing labor costs.
- **High-visibility green laser:**
Identify layout points clearly even in bright interior environments – ensuring precise placement and avoiding errors.
- **Topcon Digital Layout integration:**
Connect your digital model directly to the field – streamlining workflows and creating a reliable as-built record.
- **IP65 durability and external power option:**
Operate reliably in tough job site conditions for longer – maximizing uptime and protecting your investment.

