

LDTM ROAD SURFACING SCANNER

Win more bids, use less material and get your bonus.

With the LDTM there is no need for lane closures, crash trucks or flag crews when generating project estimates or validating existing surfaces. Just a single pass at traffic speed is all it takes to generate Total Station accuracy for your elevations.

Specifications

Physical

- 50 kg total weight (sensors, controller, cabling and data storage PC)

Environmental

- IP65 rated powder-coated aluminum housing

Performance

- 112 million points per second
- 28,000 scans per second
- 4,000 points per scan
- +/- 3mm absolute elevation accuracy; 1 sigma for both straight and curved road sections.

The Right Data

The LDTM is simple to operate and provides the necessary elevation and cross-sectional data to support both 2D, as well as fully-automated 3D, paving.

Fastest Scanner on the Market

Faster than all LiDAR scanners, the LDTM can completely scan a lane in just one pass at speeds up to 100 km/h.

Highest Resolution

Higher resolution than all LiDAR scanners, the LDTM provides a staggering 430% more points per kilometer.

More Accurate

More accurate than all scanners on the market, the LDTM provides a vertical per-point accuracy of +/- 3mm absolute on both straight and curved road sections.

Integrates with Design Software and Machine Control Systems

The LDTM is fully compatible with Machine Control Systems and provides elevations that can be used directly in design software.

Contact and Support

Website: www.pavemetrics.com

Customer Support: customer-support@pavemetrics.com



Automated Vision Systems

