Pavemetrics

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LDTM Road Resurfacing 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.

LDTM

Design

Mill

Pave

Vision Systems for the Automated Inspection of Transportation Infrastructure

Pavemetrics

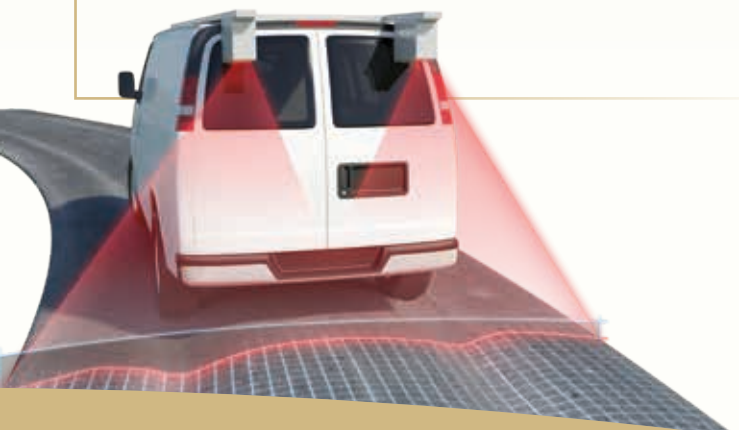
LDTM Road Resurfacing Scanner

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.

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.

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.

Vision Systems for the Automated Inspection of Transportation Infrastructure