



MAPTEK™ I-Site™ LR3



I-Site LR3 Laser Scanner

Fast > Accurate > Versatile

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Maptek™ I-Site™ LR3 laser scanner is a long range survey system combining fast accurate sensing, high resolution digital imagery and powerful modelling software for improving overall productivity and project safety.

The I-Site LR3 is 30% smaller and 25% lighter, with 2.5 times faster data acquisition than the earlier I-Site 8800 series. The system is protected to IP65 for reliable operation in rugged environments.

The system includes a new, improved high dynamic range panoramic camera for better digital imagery. This produces high resolution images for geotechnical analysis and visualisation.

The new I-Site LR3 laser scanner possesses the hallmark survey workflow that helps boost productivity for mines, quarries and civil engineering projects. Matched with dedicated software it generates accurate survey deliverables for civil, forensic, architectural and infrastructure applications.

Integrated software and hardware provide the optimal workflow, tailored for mining, civil engineering, bulk handling and quarry operations. Fast, accurate processing provides the deliverables for stockpile reconciliation, CAD drawings, as-builts and 3D modelling.

I-Site laser scanning systems can be set up on a tripod or mounted on a vehicle for stop-go or continuous survey. The I-Site LR3 laser scanner is ideal for stockpile and infrastructure survey.

A modular design allows sites to order a configuration to suit their application.

I-Site laser scanning solutions are developed by a technology provider who understands the survey landscape and adds new, value-in-use functionality

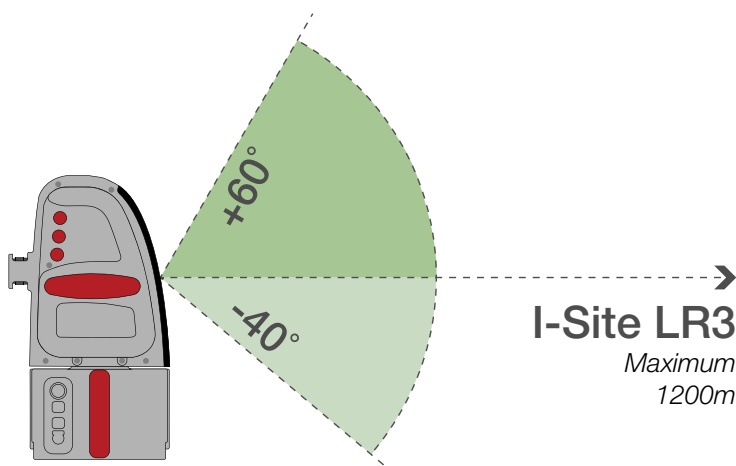
New features

- 25% improved range
- 25% lighter
- 30% smaller
- Maximum range 1200m
- 50kHz, 100kHz and 200kHz acquisition rates
- High dynamic range panoramic camera
- Snapshot imagery
- Multi-point returns

Hallmark features

- Range accuracy of 4mm
- Repeatability of 3mm
- IP65 protected for tough conditions
- Automated, streamlined survey registration
- Ergonomic industrial design
- Integrated standard controls in a quality design
- Flexible system configuration
- ISO 9022 reliability

Visit www.maptek.com to download a technical specification sheet





Reasons to use

- Hardware designed for tough industrial environments
- Ergonomic design for safe handling and easy setup
- Integrated, easy to use survey workflow
- Mounting options to suit various applications
- Hardware and software developed concurrently
- Fastest field to finish performance
- Surface, point and global scan registration for accurate results
- Multiple scans queued for maximum field efficiency
- Field review of acquired scans
- Simple data transfer via USB memory stick
- Optional geotechnical analysis with specialised I-Site Studio module
- Compatible with I-Site Drive, Maptek Sentry and Maptek PerfectDig
- Technical support and warranty protection

Applications

- Medium and small open pit survey
- Quarry survey
- Topographic survey
- Indoor stockpile volumetrics
- Civil engineering survey
- Architecture/facade mapping
- Agricultural and erosion studies
- Design conformance
- Geological mapping
- Geotechnical/kinematic analysis
- Forensic applications



Industry Leading Global Solutions

Maptek is the leading global provider of innovative software, hardware and services for the mining industry. More than 2000 customers in 75 countries rely on Maptek.

Maptek mining technology can be applied throughout the entire mining life cycle. Our solutions help reduce operating costs and improve performance, productivity and profitability. Maptek provides expert consulting, training and support services to ensure you get the most from your investment in our products.



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