



MAPTEK™ I-Site™ XR3



I-Site XR3 Laser Scanner

Versatile system > Extra long range > Accurate deliverables

I-Site XR3 Laser Scanner

Maptek™ I-Site™ XR3 laser scanner is an extra long range survey system combining fast accurate sensing, high resolution digital imagery and powerful modelling software for improving overall productivity and site safety.

The I-Site XR3 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 XR3 laser scanner possesses the hallmark automated mine survey workflow favoured by surveyors, geotechnical engineers, geologists and mining engineers. Matched with dedicated software it also generates accurate survey deliverables for civil, forensic, architectural and infrastructure applications.

Integrated software and hardware provide the optimal workflow. Simple field setup and scan preparation makes the entire process faster. Geotechnical engineers and geologists require less time in the field collecting data to undertake geological mapping and geotechnical analysis.

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 XR3 laser scanner is ideal for wall stability monitoring and design conformance.

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

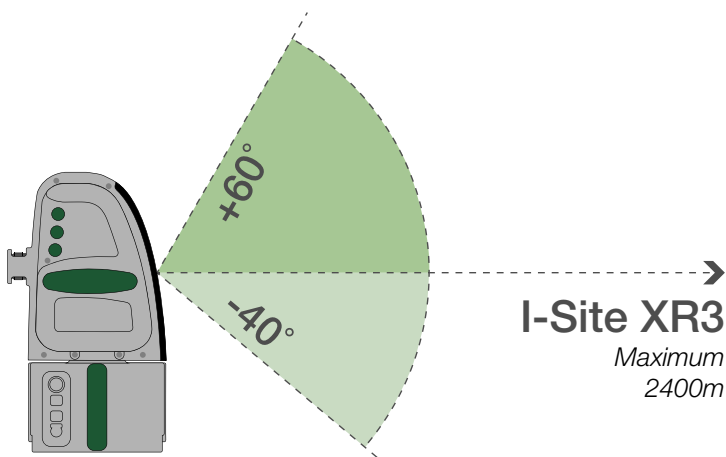
New features

- 25% improved range
- 25% lighter
- 30% smaller
- Maximum range 2400m
- 50kHz, 100kHz and 200kHz acquisition rates
- High dynamic range panoramic camera
- Snapshot imagery
- Multi-point returns

Hallmark features

- Range accuracy of 5mm
- Repeatability of 4mm
- 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

- Reliable, repeatable outcomes
- Hardware designed for tough mining 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/kinematic analysis with specialised module in I-Site Studio
- Compatible with I-Site Drive, Maptek Sentry and Maptek PerfectDig
- Technical support and warranty protection

Applications

- Large and medium open pit survey
- Topographic survey
- Stockpile volumetrics
- Stability monitoring and rockfall analysis
- Design conformance
- Pre/post blast analysis
- Geological mapping
- Geotechnical/kinematic analysis
- Erosion and deformation studies



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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