

PRODUCT DATA SHEET

LOGRX™

IMDEX™



Enabling geologists to take structural measurements with digital precision

Description

LOGRx™ is an innovative handheld digital device that significantly enhances both the speed and accuracy of capturing the orientation of structural features in diamond core. It's ability to seamlessly transfer structural measurements digitally creates a dependable audit trail.

The inbuilt data verification capability utilising stereonet projections guarantees the accuracy and reliability of measurements. This real-time verification ensures that informed decisions can be made as data is collected, making your geological assessments more efficient and dependable.

Application

In mining and exploration, geologists rely on the data provided by LOGRx to gain deeper insights into the orientation of structurally controlled orebodies and the overall structural geology of their projects.

Geotechnical engineers can harness LOGRx data to ensure the safe and economically efficient design of both mining operations and civil construction projects.

Integration

LOGRx seamlessly integrates with other critical tools to streamline your workflow and minimise errors through automated data flows. By automatically adjusting measurements using downhole survey data in IMDEX HUB-IQ™, you can trust that your structural data is always accurate and up-to-date. The smooth integration into ioGAS™ for analysis, incorporating assay and other geoscience data ensures that your structural geology interpretations are not only efficient but also error-free, allowing for more confident decision-making in your projects.

Advantages

- Guarantees data quality through a dependable and auditable data trail.
- Real-time verification enables timely and confident decision-making
- Reduction of errors through the smooth integration with other software and tools

Specifications

Dimensions

Length	200 mm
Width	40 mm
Height	60 mm

Operational environment

Operating temperature	-20°C – 55°C
Storage temperature	-20°C – 55°C

Performance

Angular accuracy	<4° (Overall accuracy is heavily user dependent)
Distance accuracy	Within 2 cm per 1 m

Technical specifications

Battery	RRC1120 battery pack li-Ion 3.70V/2.00Ah/7.4Wh
Laser	Red line laser Class 2
Cable interface	1M USB 2.0 Type-A Male to USB-C Male
Bluetooth	Bluetooth tether between device and computer
Software requirements	PC running Windows 7 or later

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