Leica DS4000

See More, Reach Deeper



leica-geosystems.com

when it has to be **right**

Leica Geosystems

CONTRACTORS-TOOLS.COM
SURVEY EQUIPMENT AND SUPPLIES

1-877-866-5721

Contractors-Tools.com

- when it has to be right Leica GEOSYSTEMS
Authorized Leica Geosystems Distributor

Authorized Leica Geosystems Distributor

View the Leica DS4000 at Contractors-Tools.com: Leica DS4000 utility detection radar

DS4000
Technical Specifications

MODE	DS4000
N° of channels	2
Central Frequencies	Dual 200 MHz and 900 MHz
Inspection Range	80 MHz – 1500 MHz
Technology	EsT – Equalized scrambled Technology (Patented Technology)
Dimension (folded for transport)	750x625x420 mm | 30x25x17 in
Dimension (in use)	750x625x1000 mm | 30x25x40 in
Weight	20kg | 44 lbs
Operating Temperature	-20 °C to +50 °C | -4 °F to +122 °F IEC 60068 2-1/2
Vibration	Compliant with IEC 60068-2-64:2012
Shock	Compliant with IEC 60068-2-31:2011
Certification	CE, UKCA, FCC, IC
Polarization	Configuration: HH and VV
Positioning	Encoder, external GPS/GNSS and Total Station
Power Consumption	Acquisition: 16W | Stand-by: 12W
Operating Time	4 h with #1 battery 8 h with #2 battery Operating time can be extended by hot swap capability
Wheels	4XØ310 mm (default) | 4XØ12 in (default) 4xØ380 mm (optional) | 4xØ15 in (optional)
Environmental	IP65



DS4000
Software Specifications

MODE	DS4000
uMap – Data collection software	Automatic calibration for an easy and quick start-up Visualization and storage of radar data Real-time visualization of radar tomography (time slices) Import of cartography of the surveyed area from different sources for visual-ising geo-referenced underground asset position in real time. Connection with NMEA positioning device Multilanguage support Metric and Imperial units Export, store, share and access data on major Cloud service providers for a streamlined workflow in utility detection On site target marking Automatic report generation
IQMaps – Processing Software	Advanced 3D processing software with a direct export link to AutoCAD Export, store, share and access data on major Cloud service providers for a streamlined workflow in utility detection
Recommended Tablet	CT1500

CONTRACTORS-TOOLS.COM
SURVEY EQUIPMENT AND SUPPLIES

1-877-866-5721
Contractors-Tools.com

- when it has to be right Leica GEOSYSTEMS
Authorized Leica Geosystems Distributor

Authorized Leica Geosystems Distributor

Leica Geosystems – when it has to be right

Revolutionising the world of measurement and survey for nearly 200 years, Leica Geosystems is the industry leader in measurement and information technologies. We create complete solutions for professionals across the planet. Known for innovative product and solution development, professionals in a diverse mix of industries, such as surveying and engineering, building and heavy construction, safety and security, and power and plant trust Leica Geosystems for all their geospatial needs. With precise and accurate instruments, sophisticated software, and trusted services, Leica Geosystems delivers value every day to those shaping the future of our world.

Leica Geosystems is part of Hexagon (Nasdaq Stockholm: HEXA B; hexagon.com), a leading global provider of information technology solutions that drive productivity and quality across geospatial and industrial landscapes.

Copyright Leica Geosystems AG, 9435 Heerbrugg, Switzerland. All rights reserved. Printed in Switzerland – 2025.
Leica Geosystems AG is part of Hexagon AB.

Leica Geosystems AG
Heinrich-Wild-Strasse
9435 Heerbrugg, Switzerland
+41 71 727 31 31

when it has to be **right**

Leica Geosystems

CONTRACTORS-TOOLS.COM
SURVEY EQUIPMENT AND SUPPLIES

1-877-866-5721
Contractors-Tools.com

- when it has to be right Leica GEOSYSTEMS
Authorized Leica Geosystems Distributor

Authorized Leica Geosystems Distributor

View the Leica DS4000 at Contractors-Tools.com: **Leica DS4000 utility detection radar**