

Leica DS2000

Uncovering more data



There's a lot going on underground that you need to know about. The Leica DS2000 Utility Detection Radar easily detects and positions deep and shallow targets simultaneously, collecting more information, faster, in any environment. Data gathering and export of any underground utility, from fibre optics to storm sewers, is made possible with the DS2000.

Combined with the powerful and rugged Leica CT1000 field tablet and the GG03 or the GPS60 smart antenna, the DS2000 is part of the complete Leica Geosystems detection and underground mapping solution that will enhance your business by making it faster and more efficient.

KEY BENEFITS

- Complete detection and underground mapping solution: utility detection radar + GNSS/GIS smart antenna + field tablet
- Dual-frequency antenna to detect deep and shallow targets simultaneously
- Easily collect and understand data with the DS2000's simple and intuitive software
- Simple data storage and export to continue working on the post-processing at the office
- Effortlessly maneuver around the most challenging sites with the DS2000's advanced ergonomics
- Expert knowledge of Leica Geosystems with more than 270 service centres worldwide
- PROTECT by Leica Geosystems - the strongest warranty in the market

Leica DS2000 Utility Detection Radar



DUAL-FREQUENCY ANTENNA

Antenna footprint	40 x 50 cm
Hardware channels	2
Antenna central frequencies	250 MHz and 700 MHz
Antenna orientation	Perpendicular, broadside
Sampling frequency	400 kHz
Display depth scale	0 to 10 m
Depth range	0 to 10 m (dep. on soil and env. conditions)

DATA ACQUISITION

Acquisition speed	More than 10 km/h
Scan rate per channel for 512 samples per scan	381 scans per second
Scan interval	42 scan per metre
Positioning	2 integrated encoders - GPS and/or TPS

CONTROL UNIT

Power consumption / supply	13.3 W / Rechargeable SLAB (Sealed Lead Acid Battery) 12 V DC, 12 Ah
Operating temperature range	-10° C to +40° C
Weight	27 kg
Protection	IP65

Complete detection and underground mapping solution



START TODAY

Contact your Leica Geosystems distribution partner for more information on the Leica DS2000 and other detection solutions.

PROTECT is subject to Leica Geosystems' international manufacturer warranty and the general terms and conditions for PROTECT. For more information visit: leica-geosystems.com/protect

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- when it has to be **right**

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