

# Leica DS2000

## Uncovering safer, faster, more



There's a lot going on underground that you need to know about before you ever start to dig. The Leica DS2000 Utility Detection Radar finds all potential threats, including non-conductive pipes and fibre optics, increasing safety by lowering the risk of accidentally hitting underground assets.

Increase safety, speed up work and lower asset management costs with the ability to prevent hazardous outages and collect more information. The DS2000 enhances your business by making it safer, faster and more efficient.

### KEY BENEFITS

- Increase safety when the DS2000 identifies all potential threats
- Get to assets and recover quicker from outages when you know exactly where underground utility assets are located
- Dual-frequency antenna to detect deep and shallow targets simultaneously
- Easily collect and understand data with the DS2000's simple and intuitive software and data sharing via Cloud
- Effortlessly maneuver around the most challenging sites with the DS2000's advanced ergonomics
- Without GPS, map onsite with no post processing needed when data is stored on the tablet
- Maximise troubleshooting efficiency by sharing diagnostics data via Cloud
- 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



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

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

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- when it has to be **right**

