

PinPointR Data Sheet

Specifically designed to meet the requirements of the utility detection industry the PinPointR GPR system combines ImpulseRadar's real-time sampling (RTS) technology with a 400MHz & 800MHz set of antenna to provide unquestionable data fidelity and resolution.



The dual channel electronics permit both frequency antenna to be recorded simultaneously and targets picked from either channel on the fly. The compact all-in-one design means the systems can be stored and transported complete so that it is ready for use at a moments notice.

Features

- Simultaneous Dual frequency data acquisition (400MHz & 800MHz)
- Lower power consumption permitting 7 hours operation off one charge
- Easy to use Android interface
- Wireless coms with recording device
- Data back-up, Internal SD memory to ensure no data is lost during wireless transfer.

- Internal GNSS for accurate data timestamping and basic Geo-referencing
- Fully integrated support for external RTK GNSS
- Automatic Utility report generation

Product Dimensions

Physical	Dimensions (L x W x H)	Weight
(instrument only)	101cm x 540cm x 103cm	20kg

Technical Specifications

Channels:	2
Centre frequency:	CH-1: 400 MHz / CH-2: 800 MHz
Record Length:	Max 400ns
Bandwidth:	>120%, fractional, -10 dB
Digitisation:	16-bits (default), 32-bit (optional)
Survey speed:	> 130 km/h @ 5 cm point interval
Scan rate:	>800 Scans per second
Acquisition mode:	Wheel, time or manual
Positioning:	Wheel encoder, internal DGPS, external GPS (NMEA 0183 protocol)
Power supply:	12 V Li-Ion rechargeable battery, or ext. 12 V DC source
Power consumption:	1.26 A
Operating time:	7 hours
Operating temperature:	-20° to +50°C
Environmental:	IP65
Regulatory certification:	CE, FCC, and IC Approved

Videos

PinPointR utility locator - presentation video
<https://www.youtube.com/watch?v=8f7xnmSRxMM>