Detect, Avoid, and Map Underground Utilities

The PinPointR is a dedicated Ground Penetrating Radar (GPR) utility locator instrument, designed to maximize your in-field productivity and decision-making capabilities. Utilizing our proprietary real-time sampling (RTS) based antenna technology, the PinPointR delivers incredible bandwidth and resolution, without speed restrictions, all controlled wirelessly via an intuitive Android-driven user interface.

Communication | Gas | Power | Electric | Sewer | Water | Ducts | Conduits | Culverts

The PinPointR Difference

To maximize in-field productivity, the PinPointR includes the features and functionality you use day to day in real-world scenarios. Consequently, PinPointR offers complete flexibility for collecting either single line profiles, or multi-line projects with user-defined lengths and profile spacing to suit actual site conditions and your specific utility locate objectives.
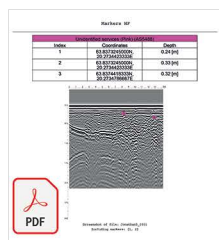
Features and advatages

- **ImpulseRadar Real-Time Sampling (RTS) based antenna technology**
  Quick, clear and dependable locates to maximise in-field productivity and decision making

- **Dual channel operation 400 MHz (LF) and 800 MHz (HF)**
  One-pass locates with full depth range improves locating efficiency and decision making

- **Wireless data acquisition**
  No cables to be lost or broken which simplifies set-up and in-field productivity, and minimises operational servicing costs

- **Android-driven user interface**
  Flexibility in choice of acquisition device

- **7-hour battery life**
  Low power consumption to extend working time

- **Internal GPS**
  Geo-referenced data as standard

- **Supports external GPS**
  Compatible with DGPS or RTK-GPS for higher accuracy geo-referencing for mapping/ reporting purposes

- **Automatic utility report generation**
  Simplifies report generation and proves site visit for job/ ticket sign-off
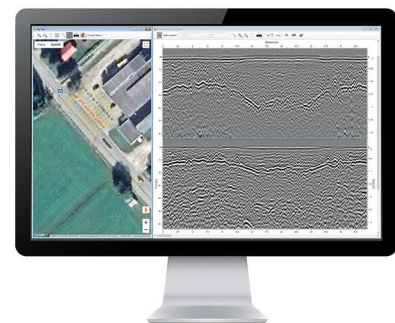
ViewPoint Android App

ViewPoint data acquisition App includes industry standard marker functionality to enable users to mark-up data in the field to correlate with the actual paint marks they put on the ground and any subsequent field sketches or report outputs.

CrossPoint Visualisation Software

PinPointR data files are compatible with CrossPoint software for Windows-based processing, interpretation, and analysis of GPR data.

The user-friendly interface provides practical tools for filter assignment, data processing, marking points of interest within radar profiles, visualizing markers on support maps, and exporting markers for geo-referencing within suitable CAD/GIS platforms.

Technical specification

Weight	20 kg (Cart, Antenna, and display)
Battery	Li--Ion 12V / 1.3 A.
Operating Temperature	20°C to +50°C / -4°F to +122 °F
Warranty	2 years
Regulatory	CE, FCC & IC approved

ImpulseRadar products are under continuous development and we reserve the right to change specifications at any time and without prior notice. You may verify product specifications at any time by contacting our headquarters via our website.