

PinPointR GPR Utility Locator BY *Impulse***RADAR**

- **Real-Time Sampling antenna technology**
- **Dual Channel**
- **Easy & Intuitive Android Interface**
- **Internal/External GPS**
- **7 hour battery life**
- **Automatic Reports**



The **PinPointR** applies advanced technologies to maximize on-site productivity. The system uses Impulse's proprietary real-time sampling (RTS) based antenna technology to deliver wide bandwidth and resolution without speed restrictions, controlled wirelessly via an intuitive Android-driven user interface.

The simplicity and rapidity of use of the PinPointR minimises the time taken to produce quality results by including features and functionality well suited to every-day scenarios. The PinPointR offers excellent versatility for locating either single line profiles or multi-line projects with user defined lengths and profile spacing to suit actual site conditions and the specific utility location objectives.

The light weight (20 Kilos) trolley is VERY robust and all-terrain, with large wheels, and is easily folded for transport. Connection to the Android interface needs no cables that can be damaged or lost, and allows use of any Android device to suit the application.

Whether the use is for simple mark-up or for recorded mapping for post-processing, the PinPointR gives excellent performance and value.

PinPointR System

Specification

| | |
|-----------------------------|---------------------------------------|
| Sampling rate | 800 scans/second. |
| Center frequency | CH-1 400 MHz CH-2 800 MHz |
| Signal/Noise ratio | >100 dB |
| Survey Speed | Up to 130 km/h @ 5 cm. Point interval |
| Bandwidth | >120% fractional, -10dB |
| Operating temperature range | - 20° C. à 50 °C |
| Battery Life | 7 hours |
| Protection Indice | IP 65 |
| Regulatory Certification | CE, FCC & IC approved |
| Dimensions | 45 x 36 x 19 cm. |
| Wheels | 4 x 30 cm. Dia 48 mm Width |
| Weight | 20 kg with battery |
| Warranty | Two years |

User Interface

| | |
|------------------|--|
| Display | 720x 1280 pixel or better |
| Operating system | Android ver. Marshmallow or later |
| Memory | 2.7 GB SDRAM or better |
| Processor | Intel atom x5Z8550 Quad-core 2.3 GHz Krait or better |
| Recommended | Samsung Galaxy Tab Active Pro or equivalent |

IPR Android App.

The android data acquisition App includes industry standard marker functionality (APWA, AS54BB, or user-defined) to enable users to mark-up data on site to correlate with the actual point marks 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 for geo-referencing within

