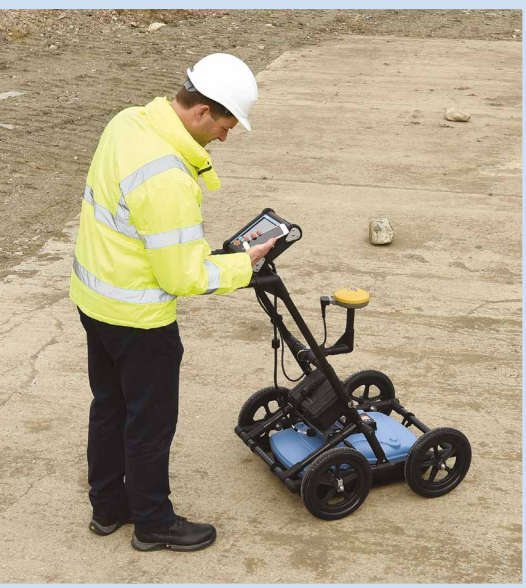
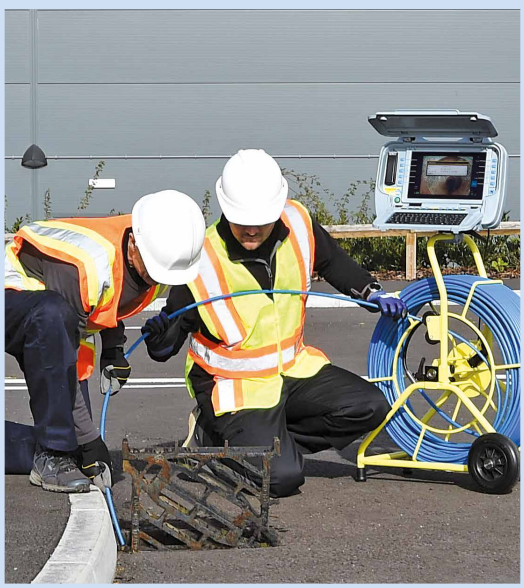
RADIODETECTION®

Product range overview

Utility location and inspection equipment





SPX®

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RD7100™ & RD8100™ Precision Cable and Pipe Locators

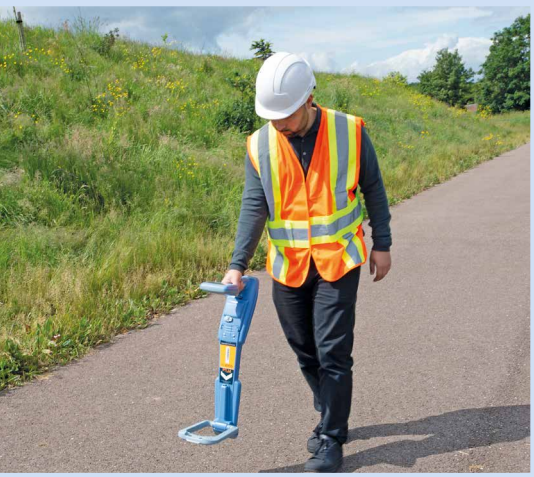
Optimum precision for damage prevention

Accurately locating and marking buried assets ensures minimum downtime during repair or maintenance activities. It also prevents damage, which can be costly for both excavator and utility owner.

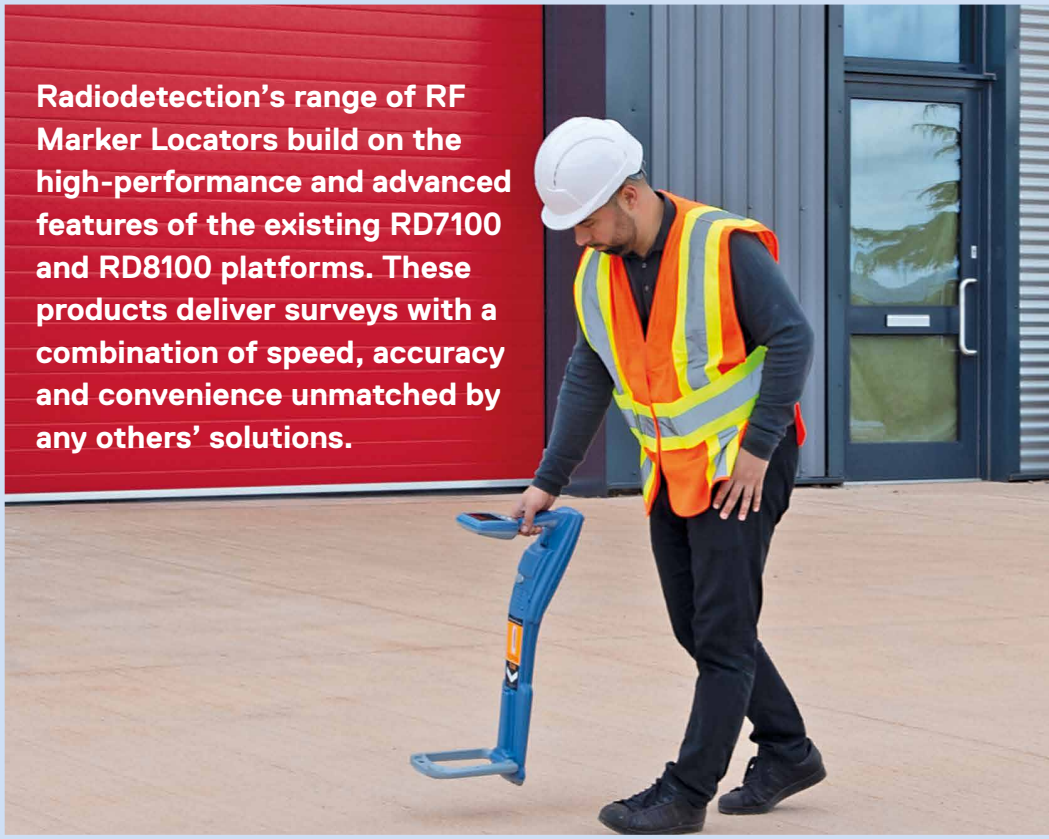
- **Precision by design:** A unique arrangement of five custom-manufactured, precision-ground antennas deliver locate accuracy and repeatability. Tailor the locate performance to the task in hand with up to 5 locate modes.
- **Peak+ mode:** Combine the accuracy of Peak locating with the rapid ground coverage of Guidance arrows. A single key press lets you check for distortion by comparing Null with Peak.
- **Configurable frequencies:** Up to 5 additional frequencies can be programmed into all RD8100 cable and pipe locators to match it to the signals found on your target networks.
- **Integrated GPS** and usage-logging options automatically generate data for customer reports, or in-house quality and safety audits to promote best working practices.

RD7100™ & RD8100™ RF Marker Locators

Detect RF utility markers, also known as EMS or Omnimarkers



Radiodetection's range of RF Marker Locators build on the high-performance and advanced features of the existing RD7100 and RD8100 platforms. These products deliver surveys with a combination of speed, accuracy and convenience unmatched by any others' solutions.



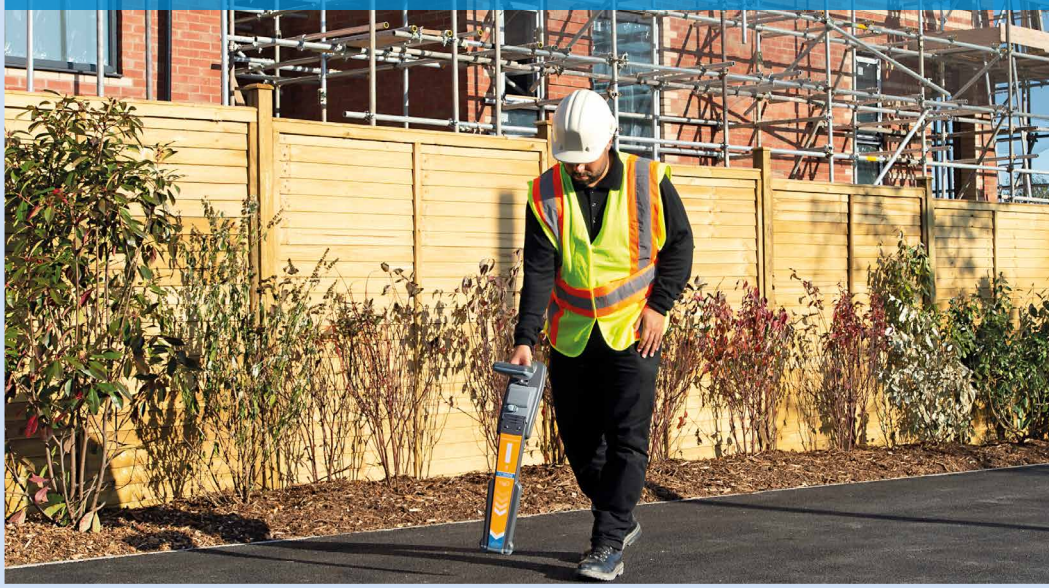
- Benefit from an automatic marker depth measurement system, which eliminates the need for a 2 step manual process, and also a combined utility and marker-locating mode
- Create and share detailed maps, with utilities marked using APWA color coding
- Compatible with the RD Map™ app which allows operators to easily create maps in real-time*
- The optional internal GPS feature of the RD8100 range allows locate professionals to add positional data to survey measurements without the need to carry any additional equipment

*RD Map requires Android 5.1 or higher, data connectivity and Google Maps. Maps can be exported as CSV or KML files.

RD5100™ Series

Easy-to-use range of precision pipe and cable locator kits

The RD5100 range of precision locator products addresses the challenges of users such as those in the water and gas industries locating buried utilities.



RD5100H_2O locator

83kHz Guidance mode simplifies locating disjointed pipes and tracer wires, with Power mode for enhanced user safety

RD5100H_2O+ locator

Comprehensive locator and transmitter system designed to ease tracing lines through congested subsurface networks

RD5100S locator

Works with most CCTV inspection camera sondes, can be upgraded later with up to 4 active frequencies

PCMx™ Pipeline Current Mapper system

Optimum precision for easier, faster pipeline surveying

Working alongside industry experts, Radiodetection pioneered the first Pipeline Current Mapper over 20 years ago. PCMx builds on this pedigree, harnessing the power of Radiodetection's most advanced locator technologies to deliver faster results, simultaneous survey measurements, and integrated GPS positioning.

PCMx Faster pipeline surveys to prevent corrosion

- **Ergonomic design:** Light-weight balanced locator for user comfort during long surveys.
- **Choice of transmitters:**

  Tx-25: Battery powered Tx-25PCM transmitter provides extra portability and flexibility in the field.

  Tx-150: High powered transmitter for long range surveys.
- **Simultaneous surveys:** Gather voltage gradient and current attenuation data in one pass of the pipeline to reduce survey time.
- **2 in 1 functionality:** Removal of foot gives user a fully featured RD8100 PDLG locator.

C.A.T4™ and Genny4™

Cable Avoidance Tools – detect more, faster, smarter, safer

A comprehensive range of Cable Avoidance Tools helping professionals to drive best locating practice, to reduce the number of cable strikes, and to dig more safely at a competitive cost of ownership.

- The C.A.T4 locator and Genny4 transmitter are easy to adopt and use, with minimal impact to your digging operations.
- Simultaneous dual frequency technologies give greater assurance in finding all buried services without adding complexity for users.
- Save time with Avoidance Mode™, which scans for Power, Radio and Genny signals simultaneously.
- Optional usage logging and GPS built-in. Data captured can evidence task completion or be used to identify training needs.

SuperCAT™ 4+ and T1 transmitter range

Utility-specific range for finding telecom & power cables, sondes and CPS protected pipes

A suite of Locator and Transmitter products targeting specific buried assets using a selection of passive, sonde and active frequencies.

- For oil and gas pipes using a Cathodic Protection System, the **CPS** model can locate the rectified signal without needing an additional transmitter.
- The **S** model locates a wide range of sonde frequencies that can be matched to the challenges of finding water and drain pipes.
- **SuperCAT4+** can be used to locate a wide set of active frequencies to support the detection and tracing of different cable types in varied environmental conditions.

Radiodetection's RD1100™ and RD1500™ Ground Penetrating Radar systems

Innovative tools for finding buried utilities

RD1100

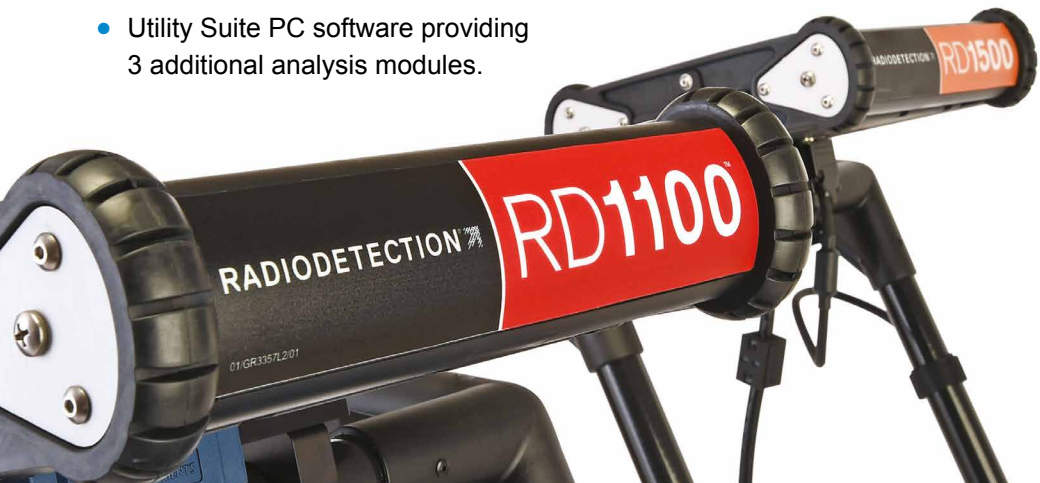
- GPR Line View data
- Easy screenshot capture
- Internal memory
- Email directly using on-board Wi-fi
- USB for additional data transfer option
- Internal GPS data for integrating into geo-referencing software

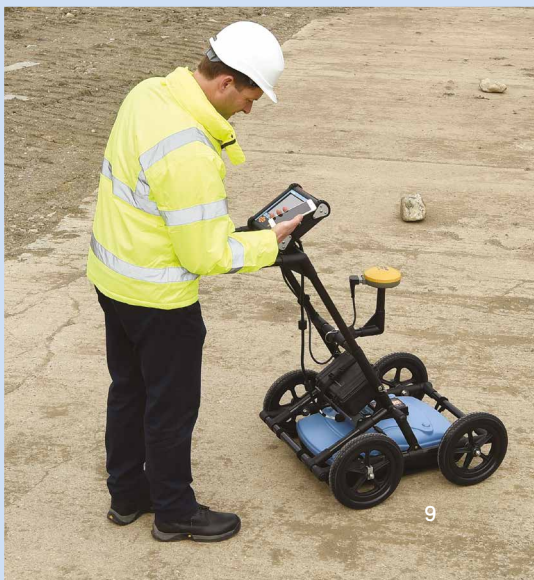
RD1500

- Adds highly intuitive Depth Slices
- Frequen*See*™ technology to enhance small / shallow, medium or large/deep targets

Options include:

- External GPS for higher positional accuracy
- Enhancement package offering EKKO Project PC software for additional analysis and additional on-board memory
- Utility Suite PC software providing 3 additional analysis modules.





flexiprobe™ P540c system

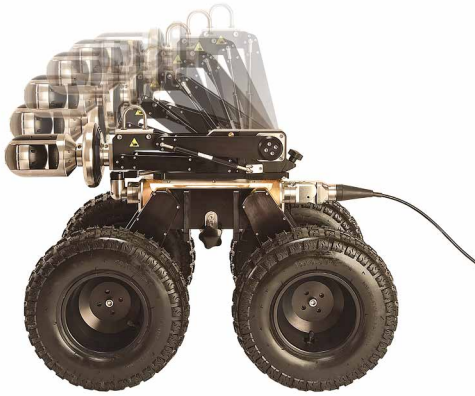
Portable video inspection system. Comprehensive. Convenient. Connected.

flexiprobe P540c system

- Super-flexible plumbers system for residential and commercial use
- Rod lengths from 100' to 500' (30m to 150m)
- Tilt and go wheeled reel design for easy transportation
- 1", 1.23" and 2" (25, 32 and 50mm) cameras interchangeable between all 5 reels
- All cameras sealed to 150 pounds (10 bar) of external pressure
- Pinpoint location and depth without compromising bend performance
- Universal command module
- Compatible with P550c / P350 Mainline Series Inspection Cameras

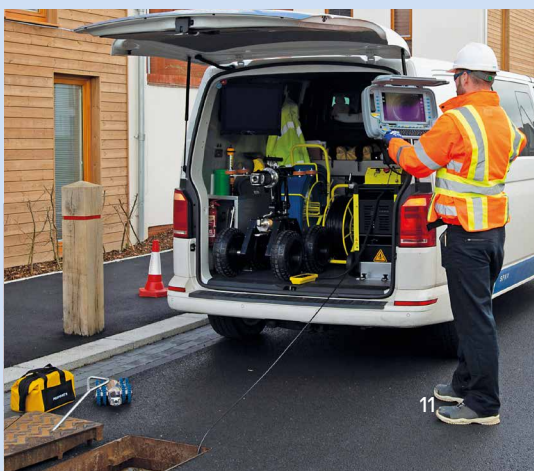
flexitrax™ P550c system

Modular video inspection equipment, backed by comprehensive service and support



flexitrax P550c system

- Easily Portable
- Crawler options for inspecting pipes from 5 to 60" (125 to 1524mm)
- Rugged design built for durability
- Straight View, Pan & Tilt, and Pan Tilt Zoom Cameras
- Universal command module can be used with both P550c/P350 and P540c/P340 systems
- Energy efficient system drawing less than 3 Amps
- Vehicle installation options



Lexxi™ T1660 Time Domain Reflectometer

Innovative, economic cable fault locator for metallic cables

Radiodetection's Lexxi T1660 TDR offers innovation and economy, enabling a step-change in productivity.

Radiodetection has created Lexxi T1660 by incorporating easy-to-hold ergonomics and installing a unique TDR engine and a 3.5" color back-lit display.

The result is a cable tester whose 1% distance accuracy and resolution gives technicians the tool they need to find faults quickly and accurately.

The Lexxi T1660 is suitable for analysing all metallic cables consisting of at least two metallic elements, one of which can be the armouring or the screen. Cable types include CATV, twisted pair telecom, Ethernet and even LV power cables.

Features

- Large, color display
- 1% fault location accuracy
- 0.5m dead zone
- 6km, 19000' maximum range
- 7m, 23' minimum display range
- 11 range settings
- Operates from Alkaline or NiMH rechargeable batteries
- 12 hours typical battery life time (alkaline)
- User selectable Power Down time
- Selectable cable impedance
- VoP adjustable from 1% to 99%
- 100Ω Twisted Pair Alligator Clip cables included as standard
- Optional modules, including Category IV mains Blocking Filter, for twisted pair, coaxial and power cable use make the Lexxi T1660 suitable for multiple industries and applications

Metal and Magnetic Locators

Designed to provide the best performance in magnetic metal location in the industry

A worldwide leader in designing and manufacturing underground magnetic locators for over half a century, we have the location of buried metal objects covered.

Find these and more underground:

- Surveyors pins
- Steel pipe joints
- Kerb and valve boxes
- Manhole covers
- Reinforced septic tanks
- Steel enclosures
- Well casings
- Unexploded Ordnance

Maggie

Optimized for Water & Gas

- Pistol-grip
- Audio + Visual Display
- Highest Accuracy

GA-92XTd

Optimized for Large Utilities

- Extends/Retracts
- Audio + Visual Display
- Includes Holster

Spot

Optimized for Construction

- Ultralight Weight
- Audio
- Lowest Cost

Accessories

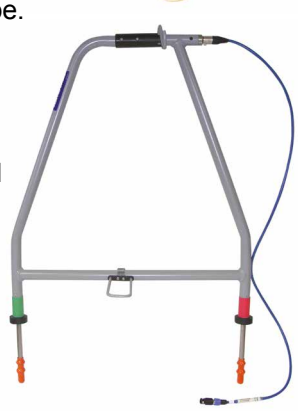
Designed to extend the capabilities of Radiodetection products, accessories available include rechargeable battery packs, sondes, fault-find tools and signal clamps

Signal Clamps

Locator clamps help to locate and positively identify specific cables when several run close together.

Transmitter clamps can be used to induce a locatable signal from Radiodetection transmitters onto a target cable or pipe.

A-Frame



This is used for locating sheath faults on cables and coating defects on pipelines. It provides direction and magnitude of fault information on the display of the locator. The A-Frame requires both the locator and transmitter to have the Fault Find feature.

Accessories for tracing or locating non-conductive utilities:

Sondes

Sondes are self-contained, battery operated devices that are used for tracing ducts/pipes and for locating blockages. They transmit at 33kHz (unless stated) and are normally fitted to a duct rod for inserting and pushing along ducts/pipes or, for smaller diameter sondes, ‘jetted’.

Flexitrace, Tx-Energized Pushrod

The FlexiTrace reel holds 164'(50m) or 260’ (80m) of small diameter rod. The rod itself can be energized by a Radiodetection transmitter* or Genny and inserted into pipes as small as 12mm. It is used with a Radiodetection locator or C.A.T to find and trace small diameter plastic pipes etc. Unlike using a sonde with a Flexrod, the entire length of the Flexitrace can be detected from above ground.

*When using a Tx-5 or Tx-10 transmitter, some power restrictions apply. Please enquire for details.

Flexrod

A flexible fiberglass rod used for propelling Radiodetection sondes through pipes to trace the path and locate blockages. Available in various diameters and lengths.

Transmitter accessories

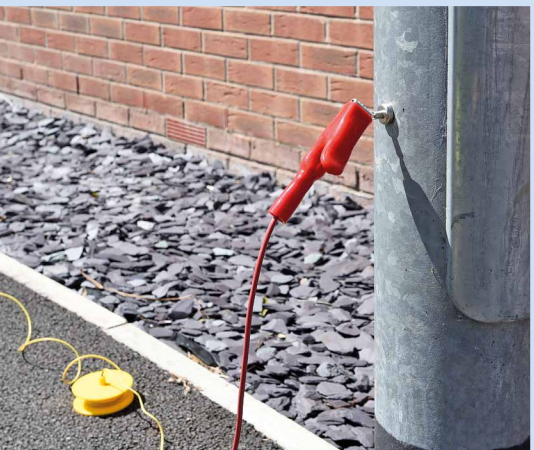
Transmitter and Genny accessories are designed to transmit locate signals along most infrastructure types.

Rechargeable Battery Packs

Lithium-Ion rechargeable battery options for both locator and transmitter provide extended runtime with reduced running costs.

Transport and Storage Accessories

A range of carrying cases for combined locator, transmitter and accessories.



For details on the full range of Radiodetection accessories, visit the Radiodetection website: www.radiodetection.com

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SPX®

Visit **www.radiodetection.com**

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Radiodetection is a leading global developer and supplier of test equipment used by utility companies to help install, protect and maintain their infrastructure networks.

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