# FINDAR

## LOCATE BURIED EVIDENCE


Sensors & Software

# THE FINDAR ADVANTAGE

## Get quick, accurate results for on-site analysis

**Field Proof Display**
The DVL, a rugged, weatherproof, sunlight visible data logger is used for data acquisition, data display and processing.

**Purpose Built Cart**
The ultralight mobile platform allows for easy cart navigation to collect high quality data.

**Fully Enclosed Odometer**
This feature makes it possible to perform precision data collection even in poor terrains.

**GPR Sensor**
High resolution, ultra wide band GPR technology in addition to patented Dyna-Q technology allow data to be captured deep below the subsurface.

FINDAR complies with the Industry Canada (IC), United States Federal Communications Commission (FCC), and European Technical Standards Institute (ETSI) Regulations for ultra-wide bandwidth (UWB) devices.

### Intuitive, quick, reliable.

Identify and focus your search on relevant areas. Line Mode allows you to view GPR cross sections immediately onsite.

### Locate evidence in real time.

Locate buried evidence on a variety of terrains. Grid Mode allows you to conduct detailed searches of specific areas and generate target maps of buried items.

### Convenient and intuitive to use.

FINDAR is a compact and portable system that fits into a single hand-carried shipping case.

### Save data for future reference.

Download captured images to a PC and integrate data images into reports. These images can be optimized by adjusting the sensitivity, colour palette and gain settings.

**LOCATE KEY PIECES OF EVIDENCE:**

- Clandestine graves
- Buried caches of drugs
- Buried weapons and ammunition stashes
- Money buried underground
- Disturbed soil
- IEDs and mines



FINDAR is a GPR system specifically designed to meet the needs of law enforcement and military professionals. Designed, engineered and optimized specifically for evidence collection in current investigations and cold cases, FINDAR provides quick and accurate data acquisition enabling law enforcement professionals to locate buried evidence.

By integrating FINDAR into the evidence collection process, areas of interest can be excavated immediately. It is a compact and portable system that fits into a single hand-carried shipping case.

### Key FINDAR features

A self-contained, high-resolution GPR unit that is comprised of shielded dipole antennas with a fixed central frequency and bandwidth equal to the centre frequency

Infield display that is weatherproof and adaptable to light conditions

A light and durable non-metallic cart that offers an exceptional battery life

Line mode allows operators to collect cross-sectional lines for reconnaissance purposes

Grid mode enables detailed searches of specific areas

Pre-set grid sizes and line spacing makes it easy for the operator to quickly a setup search

## Accessories

An optional field kit can be purchased with FINDAR. The Field Kit provides a replacement for key parts that could be lost or damaged during extended field operations. These include:

- Battery & Charger
- Power Cord
- Data Transfer Cord
- 2 Handle Pins
- 4 Sensor Straps
- DVL Tray Bolt

## Product Specifications

| | |
|---|---|
| Collects data to depth | 3 m (10ft) |
| Pre-set site Survey Sizes | **Metric:** 3 x 3m, 5 x 5m, 10 x 10m<br>**Imperial:** 10 x 10ft, 20 x 20ft, 30 x 30ft |
| Operational Temperature | **Sensor:** -40°C to +50°C, -40F to +122F<br>**Display:** -10°C to +50°C, -14F to +122F |
| System Assembled | 1.15 m (45 in) H, 0.55 m (21 in) W, 0.9 (35 in) L |
| Operational Weight | 22kg (48 lb) |
| Battery | **Life:** 4 - 6 hrs<br>**Capacity:** 9 Amp hr<br>**Charger Input:** 110-240V |
| Image Storage | Up to 16 GB |
| Shipping Case | 0.81 x 0.61 x 0.56 m (32 x 24 x 22 in) |
| Display | Full color – sunlight readable antiglare protective coating |
| Data Viewing | **On Site:** Cross-section and depth-slice viewed on display<br>**Off site:** Cross-section and depth-slice viewed on PC using FINDAR ImageView software |
| Battery Type | Sealed Lead Acid gel Cell |


*subsurface imaging solutions*

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