FINDAR®

LOCATE BURIED EVIDENCE

SENSORS & SOFTWARE
from RADIODETECTION

THE FINDAR® **ADVANTAGE**

FINDAR® enables law enforcement to quickly and effectively search for evidence buried under the ground

- FINDAR® uses ground penetrating radar technology to rapidly image the subsurface
- The intuitive user interface guides investigators through a systematic grid search
- 3D images are generated on-site in seconds pinpointing the position and depth of potential evidence
- Real time images allow decisions to be made on-site. Areas of interest can be identified and excavated immediately

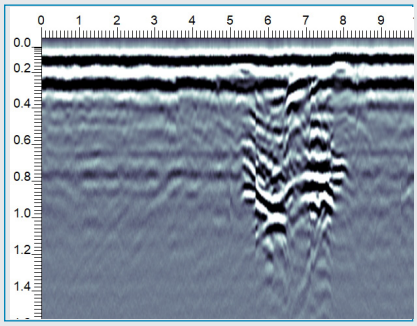
Locate evidence in real time

Clandestine graves

Drugs or money buried in metal or plastic containers

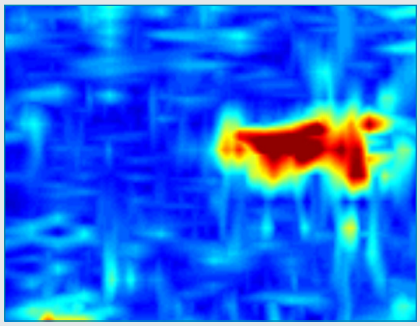
Buried weapons and ammunition stashes

LINE MODE



Collect cross-sectional lines for reconnaissance purposes. Identify and focus your search on relevant areas

3D DEPTH SLICING



After collecting a grid of data generate depth slice images on-site. Pinpoint the position and depth of potential targets

FINDAR® Features

Process Survey Data
Display results on-site to pinpoint potential evidence

Wi-Fi Reports
Email screenshot reports directly from the investigation site

USB Data Transfer
Data is copied to a USB memory stick for transfer to a computer

Internal GPS
Geotag screenshots for future reference

Rugged Touchscreen Display Unit
Clearly see data in all weather conditions

Ultra-light Cart
Easy to transport and deploy. Cover large areas quickly

Optional External GPS
For high accuracy positioning and mapping

Rechargeable Battery
Allows 4-6 hours of use

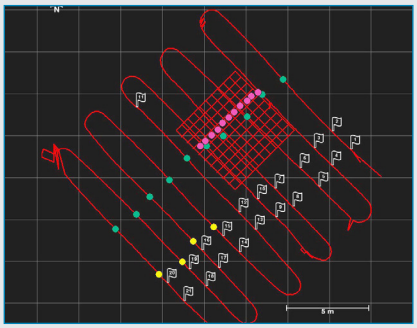
GPR Sensor
High resolution, ultra-wideband, patented GPR technology

Odometer
To collect data at equal intervals

FIELD INTERPRETATIONS

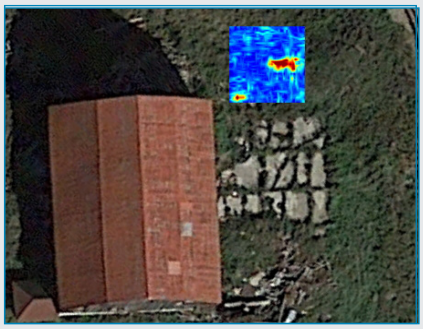
Classify targets in real time with field interpretations. Use the touchscreen to color-code each target as it is located.

MAP VIEW ON-SITE DISPLAY



Using the optional external GPS, identified targets are displayed on the screen in a plan map view.

GEO-REFERENCED OUTPUT



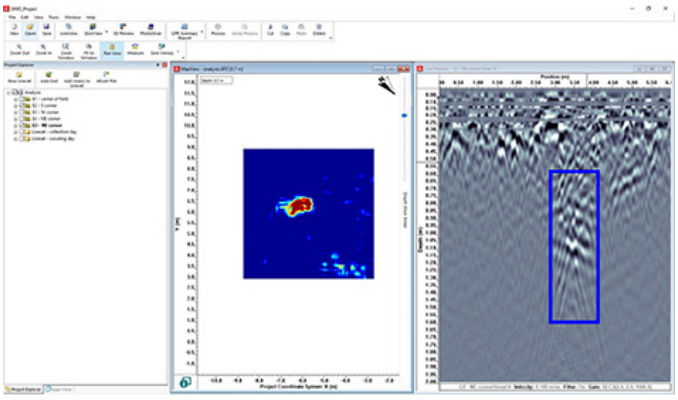
Using the optional EKKO_Project™ software, display your survey lines, depth slices and interpretations in Google Earth™ and other similar geo-referenced platforms.

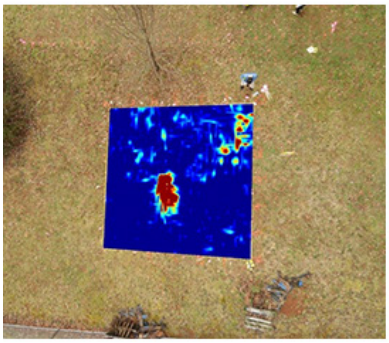
FINDAR® Reporting and Archiving

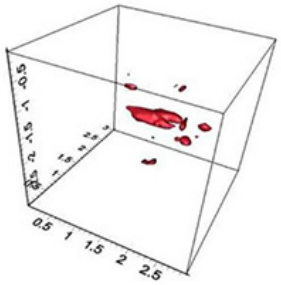
Save data for future reference

- FINDAR® data is easily archived; data is saved to a single project file containing the time-stamped raw data and screen images captured in the field
- Georeferenced screen images are automatically saved to a KMZ file to view in Google Earth™
- Screen images are also saved as JPG files and can be viewed with any graphics display software
- Line and Grid Scans are viewed and reports generated using the optional EKKO_Project™ PC software
- Report formats include PDF (Acrobat), KMZ (Google Earth™), DXF (AutoCAD) and CSV (Excel)

EKKO_Project™







Specifications

Collects Data to Depth	3 m (10 ft)	Image Storage	230 km (143 miles) of data
Pre-set Site Survey Sizes	3×3 m, 5×5 m, 10×10 m, 15×15 m (10x10 ft, 20x20 ft, 30x30 ft, 40x40 ft)	Shipping Case	81 × 61 × 56 cm (32 × 24 × 22 in)
Operational Temperature	Sensor: -40°C to +50°C Display: -20°C to +50°C	GPR Display	Full color, sunlight-readable touchscreen
System Assembled	115 × 55 × 90 cm (45 × 21 × 35 in)	Battery Type	Sealed Lead Acid Gel Cell
GPR Battery	Voltage: 12 V Life: 4 - 6 hrs Capacity: 9 Amp hr Charger Input: 110-240V	Data Viewing	In-field Display: Cross-section, depth-slice, MapView, Screenshots. PC: Optional EKKO_Project™ Software for further analysis & reporting
Operational Weight	20 kg (44 lb)	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.	

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Subsurface imaging solutions