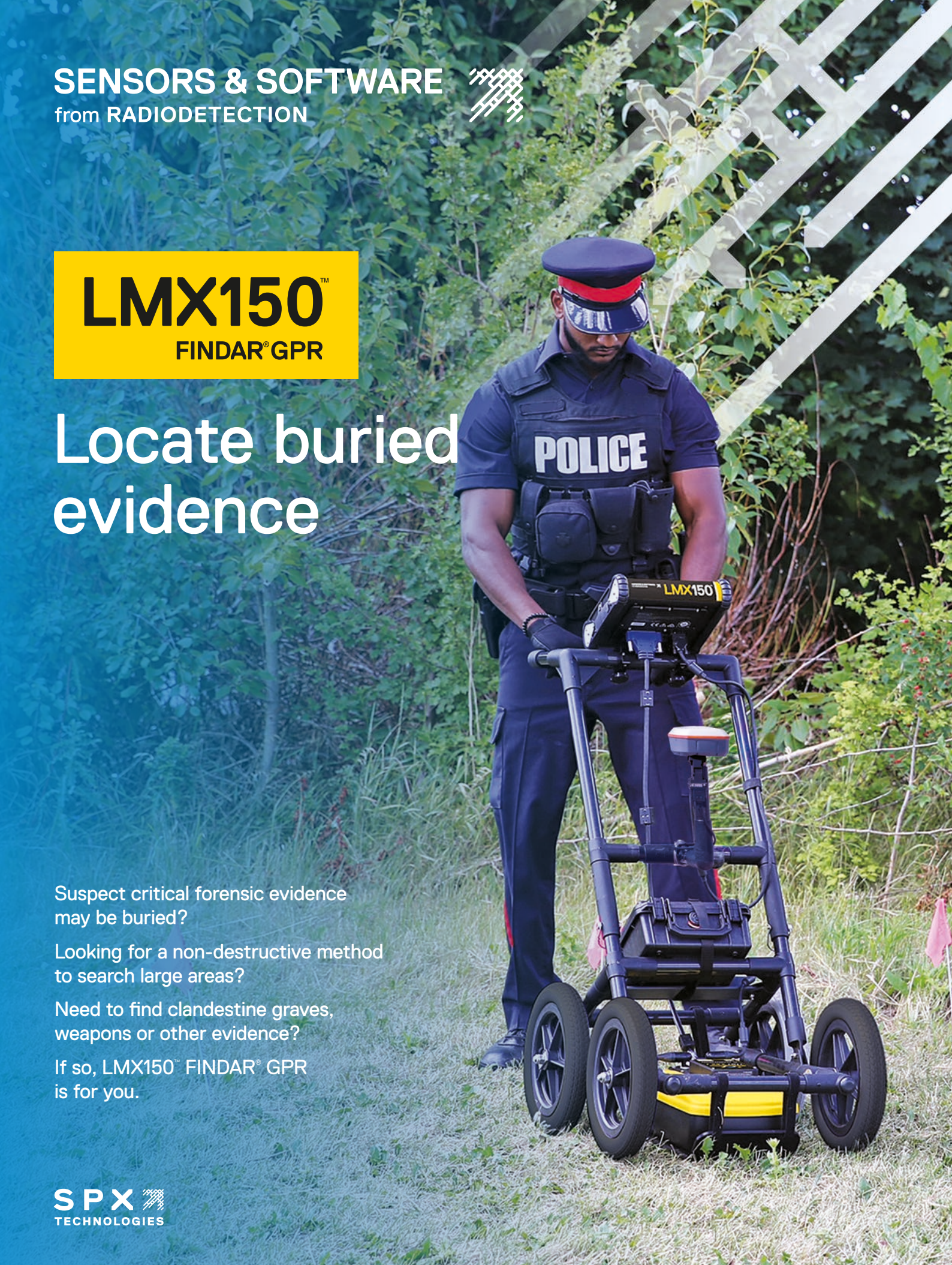
SENSORS & SOFTWARE
from RADIODETECTION

LMX150™
FINDAR® GPR

Locate buried evidence



Suspect critical forensic evidence may be buried?

Looking for a non-destructive method to search large areas?

Need to find clandestine graves, weapons or other evidence?

If so, LMX150™ FINDAR® GPR is for you.

SPX TECHNOLOGIES

The LMX150™ FINDAR® advantage



LMX150 FINDAR enables law enforcement to **quickly and effectively** search for evidence buried under the ground

- LMX150 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







LMX150 FINDAR system overview





High visibility touch screen display unit
- Free lifetime system software updates
- User selectable languages
- US Standard and Metric units

Compact Lightweight Fiberglass Cart Frame
- No metal parts that would interfere with GPR signals
- Rugged, all-terrain cart with integrated odometer, easily maneuverable over any surface

Optional External GNSS
- For high accuracy positioning and mapping
- All-in-one LMX150 FINDAR SG bundle available

On-site Reports
- Produce instant on-site reports from your display unit

USB
- USB for easy data transfer

Integrated GPS
- Integrated GPS receiver for geo-referencing data

Wi-Fi
- Built-in Wi-Fi capability

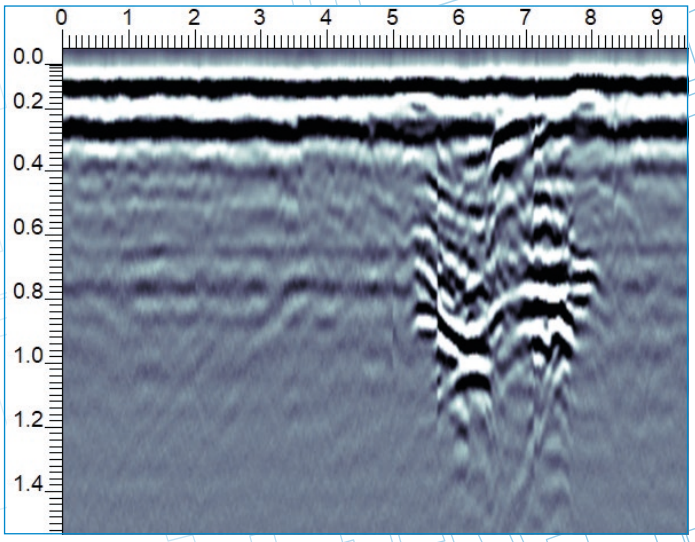
Lead Acid Gel Cell Battery
- Long lasting
- Swappable
- Locally available

High Resolution GPR Sensor
- Innovative ultra-wideband (UWB) 500MHz GPR antenna
- DynaT™ for Dynamic Target enhancement
- Scanning depth up to 3 m (10 ft)

Odometer
- To collect data at equal intervals

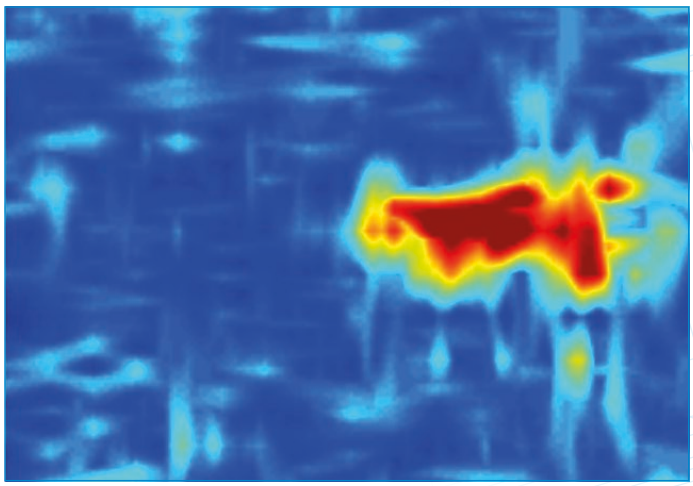
Locate evidence in real time

- 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.



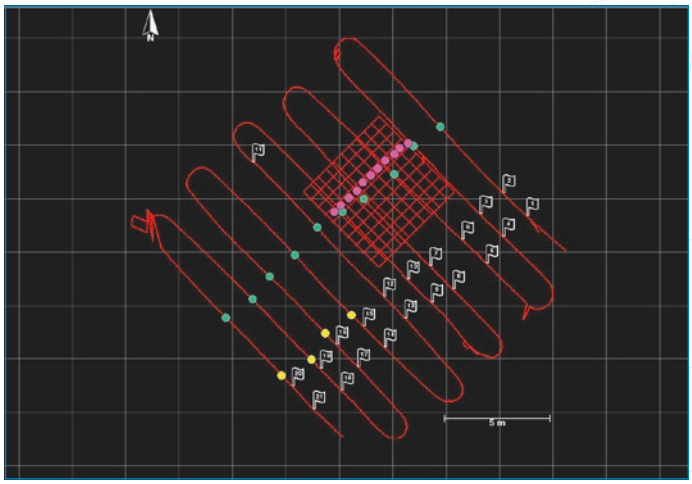
3D Depth slicing

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



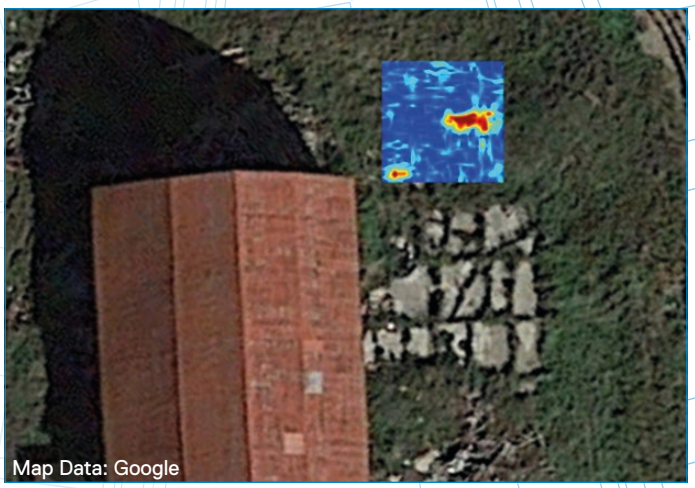
Field interpretations

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.

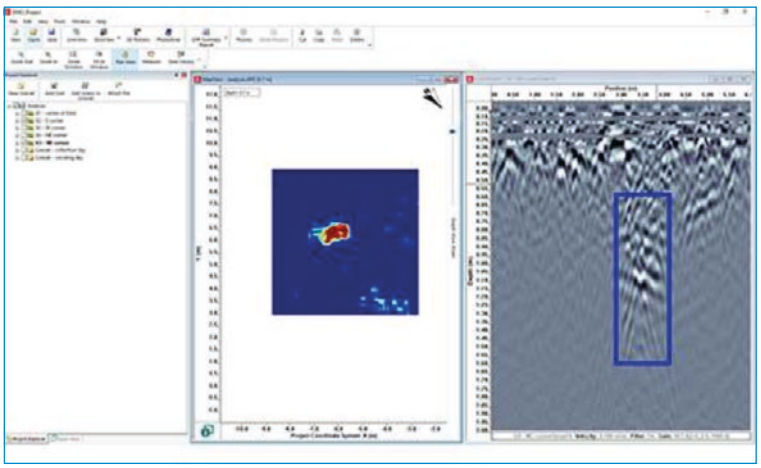


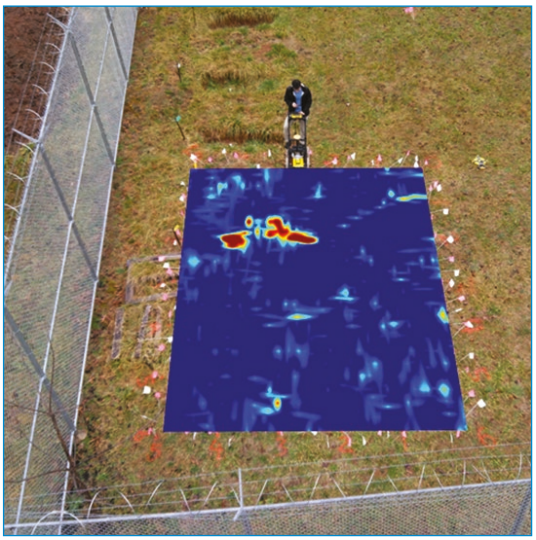
Geo-referenced output

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

EKKO_Project Software

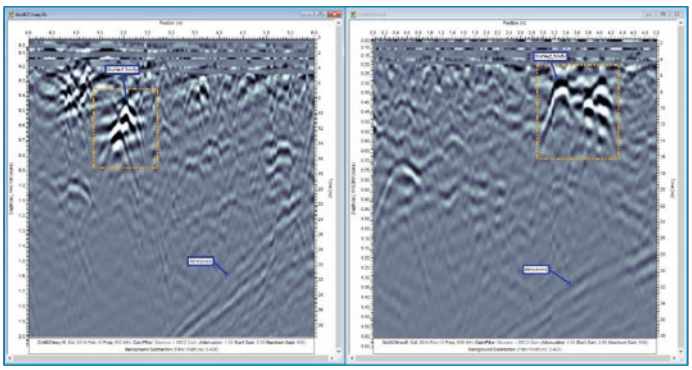
Visualize, Understand and Report your GPR results with the optional EKKO_Project PC Software



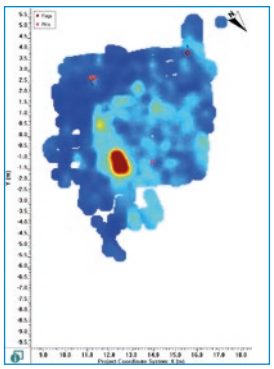


Core

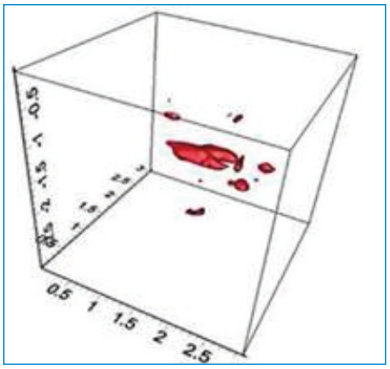
Organize your GPR data, photos and other files and save as a single project file. Easily create PDF reports of your findings.



Examine (Cross-sections)



Reveal (Depth Slices)



3D Reveal (3D Visualization)

Specifications

Weight & Dimensions	
Size: 115 × 55 × 90 cm (45 × 21 × 35 in)	
Weight: 19 kg (41 lb) (including battery)	
Display Unit size: 21 cm (8 in) diagonal	
Power	
12 volt sealed lead acid gel cell	
Battery Capacity: 9.0 Ah	**Battery Weight:** 3.6 kg (7.9 lbs)
Battery Life: 4-6 hours	**Charger:** 110-240V

Environmental & Temperatures	
Ruggedized, environmentally sealed unit and connections	
IP65	Operating temperature range: -20°C to +50°C (-4°F to 122°F)
Regulatory Specifications	
Meets FCC 15.509, IC RSS-220 and ETSI EN-302066	
Data Storage	**Depth**
230 km (143 miles) of data	Up to 3 meters (10 feet)

Useful resources to make the most of your LMX150 FINDAR GPR

- Webinars and free online resources
- Learn more about our training offerings

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SPX TECHNOLOGIES

Our Mission

Provide best in class equipment and solutions, to prevent damage to critical infrastructure, manage assets and protect lives.

Our Vision

To be the world's leader in the management of critical infrastructure and utilities.

Our Locations



USA

Raymond, ME
Kearneysville, WV

Canada

Mississauga, ON

Europe

United Kingdom **HQ**
France
Germany
The Netherlands

Asia Pacific

India
China
Hong Kong
Australia

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