

StructureScan™ Series

Concrete Inspection Systems
by GSSI

Geophysical Survey Systems, Inc.

StructureScan Optical

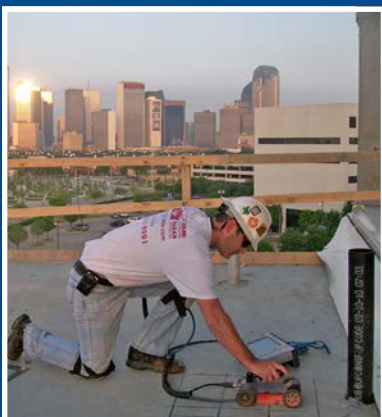


Premium GPR System

StructureScan™ Optical is the only concrete inspection tool on the market with an optical barcode reader and patented Smart Pad technology for easy wall and floor scanning. StructureScan Optical has revolutionized 3D data collection by simplifying an often complicated survey process while providing the most accurate results in the industry.

Concrete Antennas	2600 MHz or 1600 MHz
Control Unit	SIR-3000
Handcart	Model 614 with optical scanner and encoder
Depth of Penetration	2600 MHz: 0-12 inches (0-0.4 m) 1600 MHz: 0-18 inches (0-0.5 m)
Accessories	2000 MHz Palm antenna, RADAN® 7 software, SIR-3000 stand

StructureScan Standard



Standard GPR System

StructureScan™ Standard provides the accurate concrete inspection results that contractors need when seeking an edge over the competition. This compact system provides clear and reliable data, while remaining user-friendly.

Concrete Antennas	2600 MHz or 1600 MHz
Control Unit	SIR-3000
Handcart	Model 615 with encoder
Depth of Penetration	2600 MHz: 0-12 inches (0-0.4 m) 1600 MHz: 0-18 inches (0-0.5 m)
Accessories	2000 MHz Palm antenna, RADAN® 7 software, SIR-3000 stand



StructureScan Mini HR



All-in-One GPR System: High-Resolution (HR)

The StructureScan Mini HR is GSSI's all-in-one high-resolution GPR system for concrete inspection. With a 2600 MHz antenna, this hand-held system locates rebar, conduits and post-tension cables in depths of up to 16 inches (40 cm).

The StructureScan Mini HR is available in two models; 2D, for real-time target location and 3D, for an x-ray like image. Ideal for complex areas, the StructureScan Mini HR can delineate small targets with superior vertical and horizontal resolution.



Center Frequency	2600 MHz
Depth of Penetration	0-16 inches (0-40 cm)
Accessories	Extension handle, RADAN® for StructureScan Mini software, StructureScan Mini Viewer software (free)

StructureScan Mini



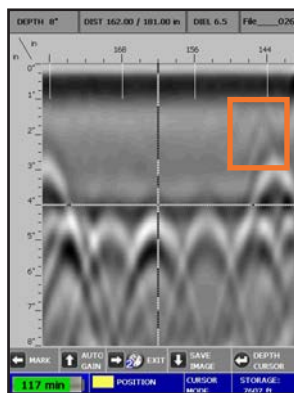
All-in-One GPR System

The StructureScan Mini is GSSI's portable integrated GPR system for concrete inspection. This handheld unit is used to locate rebar, conduits, post-tension cables, voids and determine concrete slab thickness.

With a 1600 MHz antenna, and depth penetration of up to 20 inches (50cm), the StructureScan Mini offers the perfect blend of data resolution and depth. Used worldwide, it has quickly become the standard for concrete imaging. Additionally, the StructureScan Mini is available with 2D or 3D capabilities, flexible for your job site needs.

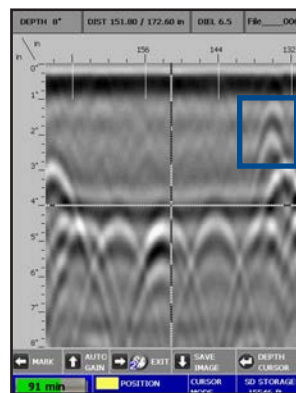
Center Frequency	1600 MHz
Depth of Penetration	0-20 inches (0-50 cm)
Accessories	Extension handle, RADAN® for StructureScan Mini software, StructureScan Mini Viewer software (free)

StructureScan Mini Data



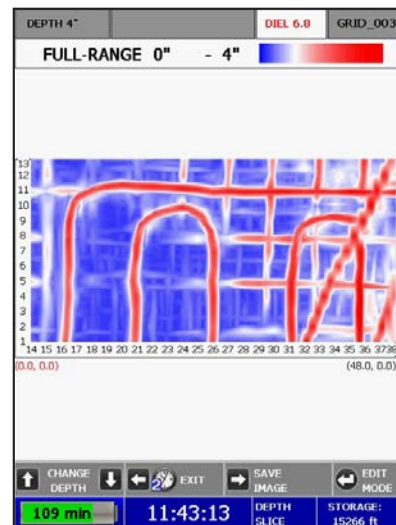
Data showing a small 5/8" plastic conduit (partially visible) over rebar mat.

StructureScan Mini HR Data



Data showing a small 5/8" plastic conduit over rebar mat.

StructureScan Mini HR 3D Data Example



Collected with StructureScan Mini HR, data represents 3D image of radiant heating tubing in concrete slab.

