



Complete GPR System for Concrete Inspection and Analysis

StructureScan™ Standard

www.geophysical.com

The StructureScan™ Standard system provides a non-destructive means to accurately inspect concrete structures. Concrete professionals use StructureScan Standard to safely locate embedment within concrete structures prior to drilling, cutting or coring. Reach depths of 0-18 inches with confidence using a 2600 MHz or a 1600 MHz antenna, survey cart and SIR® 3000 control unit.

Typical Uses

- **Concrete inspection** – locate metallic and non-metallic targets in walls, floors and ceilings
- **Structure inspection** – bridges, monuments, walls, towers, tunnels, balconies, garages, decks
- **Condition assessment** – map relative concrete condition for rehab planning
- **Measure slab thickness**
- **Void location**

Locate Targets

- Locate rebar, post-tension cables, conduits (PVC and metal)
- Surveys up to 18 inches in depth
- Establish and mark targets in real-time with back-up cursor feature

Integrated System

- Windows® based user interface
- Data is displayed on a high-resolution, color screen
- Ability to save data internally

Premium Mobility

- Rugged handcart-based system that is lightweight and simple to transport
- No site hazards or need to close off work areas as with radiography (X-Ray)

Value

- Flexible system for bridge and utility applications
- Two-year warranty



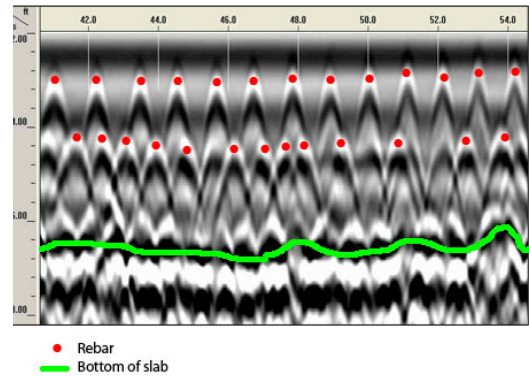
“GSSI StructureScan GPR is easy to use,
lasts a long time and works well.”

Patrick Moulin, GPRS Atlanta

StructureScan Solutions

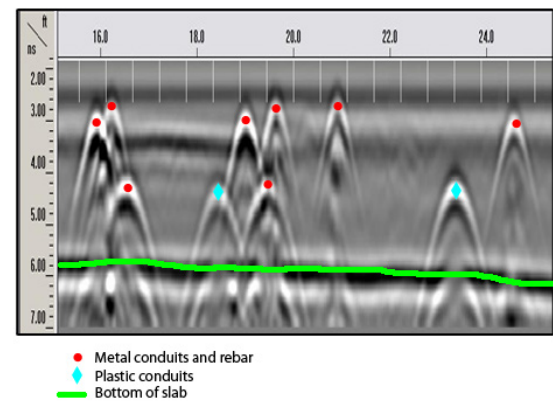
Locate Rebar

Concrete and construction professionals use ground penetrating radar to safely locate structures within poured concrete prior to drilling, cutting or coring. Take advantage of locating targets in real time, with only single-sided access required.



Trace Conduits In Concrete Slabs

Detect what lies beneath the surface before cutting or coring concrete. StructureScan allows concrete and construction professionals to safely identify conduit locations, therefore avoiding costly or dangerous hits.



Control Unit Specifications

External Memory	Based on Compact Flash size
Internal Memory	2 GB
Display	8.4 inch, full-color, 800x600 resolution, 64K colors, clearly visible in sunlight
Post-processing	On-screen
Battery	Internal (3 hours), 10.8 VDC
Ports	RS232, Compact Flash memory, USB master & slave
Environmental	Water-resistant

System Includes

SIR® 3000 control unit
1600 MHz or 2600 MHz antenna
Model 615 handcart with encoder
7 meter control cable
Rugged carrying case
Two batteries and charger

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