

C-thrue XS

The compact hand-sized GPR with dual polarization
to never miss a detail in one scan



Make concrete inspection and data collection
fast and simple: full target detection with
maximum data accuracy

IDS GeoRadar: The leader in multi-frequency and multi-channel
Ground Penetrating Radar

www.idsgeoradar.com

C-thrue XS

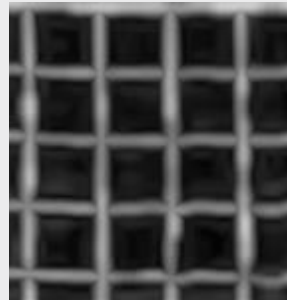
The compact hand-sized GPR with dual polarization to never miss a detail in one scan

C-thrue XS is the compact dual polarized GPR system for concrete inspection: the smallest and lightest antenna on the market capable of detecting shallow and deep targets in one scan. C-thrue XS, adding to the C-thrue product family, allows the most accurate scanning performance and real-time analysis of concrete structures with a hand-sized device able to perform in-depth inspections.

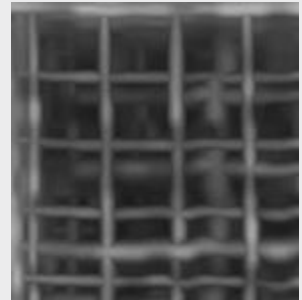
DUAL ANTENNA POLARIZATION: DETECT SHALLOW AND DEEPER TARGETS IN A SINGLE MOVE.

The dual polarization mode makes concrete inspection fast and simple with the most accurate scanning performance to easily locate and identify rebars, ducts, cables and other objects.

While other devices without dual polarization require to scan the inspection area twice to get the big picture, C-thrue XS - thanks to its dual polarized antenna - allows the detection of both first and deeper levels of rebars in a single swath.



Standard GPR visualisation



C-thrue XS visualisation



MAXIMIZED DETECTION FOR UNMATCHED PRODUCTIVITY

C-thrue XS leverages dual polarisation technology to display both HH and VV channels in a single action. Increasing confidence in data interpretation, C-thrue XS provides the highest quality data with the most accurate real-time results while also saving time for data collection.



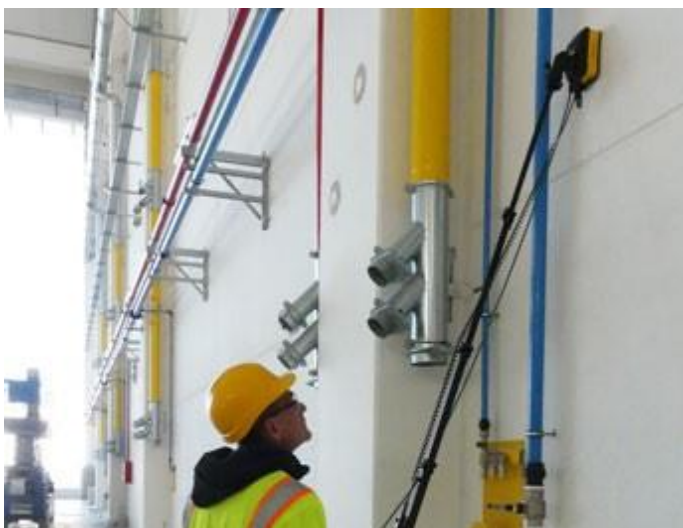
IMPROVED ERGONOMICS BOOSTING USABILITY

Ergonomically designed for a maximum user experience, C-thrue XS is a hand-sized GPR solution offering superior usability and reduced fatigue in long-term use. The compact device allows easy reach to inaccessible areas such as corners and around obstructions making concrete inspection simple and efficient.



SUPERIOR VERSATILITY ACROSS DIFFERENT ENVIRONMENTS

C-thrue XS offers a top level performance across different concrete inspection scenarios: from low to high level walls, to ceilings and hard to reach areas. A compact and light telescopic pole and an external controller allow C-thrue XS to maximize its reach in concrete scanning operations across challenging locations.



Real-time investigation of concrete structures is fast and simple with C-thrue XS: maximized detection with reduced user's fatigue.



C-thrue XS's compact size and light weight allow to easily investigate hard to reach areas and around obstructions.

Multiple configurations: stand-alone or integrated use.

Offering the maximum flexibility, C-thrue XS is available in two configurations:

- **STANDALONE:** Easily scan across any concrete inspection scenario with C-thrue XS and promptly visualize the collected data results on your tablet
- **INTEGRATED USE WITH C-THRUE:** C-thrue XS' combined use with C-thrue allows to cover any jobsite challenge and quickly visualize data on C-thrue's multi-touch display

DUAL POLARISATION

- Detection of both first and deeper levels
- In-depth inspections in one scan
- Saves time and maximises productivity

SPECIFICATIONS

- Sensor frequency: 2.0 GHz
- Polarization: Configuration HH and VV
- Depth range: 0-100 cm (0-40 in.)
- Connectivity: Ethernet to laptop / C-thrue
- Size: 14.5x8.3x8 (cm) - 5.7x3.2x3.1 (in.)
- Weight: 0.45 kg (0.99 lb)
- Environmental: IP65
- Compliant with: CE, FCC, IC

ACCESSORIES

- C-thrue XS External Controller
- C-thrue XS Handle: Telescoping pole



C-thrue XS can be connected via LAN to the C-thrue device allowing for a real-time visualization of the collected data on the multi-touch display.



NDT Reveal

NDT Reveal is a desktop software to organize and share GPR data collected with C-thrue and C-thrue XS. This CAD based software is able to provide a complete data analysis and reporting for jobsite surveys.

With NDT Reveal users can attach their jobsite surveys directly to their CAD drawing to seamlessly organize and manage complex Building and Construction projects.

NDT Reveal software allows users to:

- Display the 2D and 3D GPR data, manage and store all the detected features
- Create and share digital exports (DXF and DWG format) and job site reports (on-site photos, sketches, CSV)



NDT Reveal optimizes the office work flow by using a single software suite for both GPR data analysis and reporting

