

# C-thru<sup>e</sup> 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

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# C-thru XS

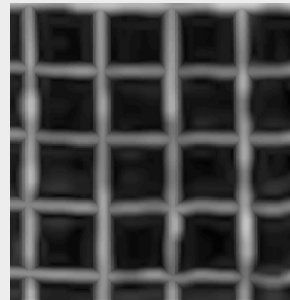
The compact hand-sized GPR with dual polarization to never miss a detail in one scan

C-thru 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-thru XS, adding to the C-thru 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.

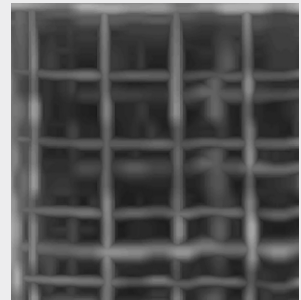
## DUAL ANTENNA POLARIZATION: DETECT SHALLOW AND DEEPER TARGETS IN A SINGLE MOVE.

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-thru 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-thru XS visualisation



### MAXIMIZED DETECTION FOR UNMATCHED PRODUCTIVITY

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



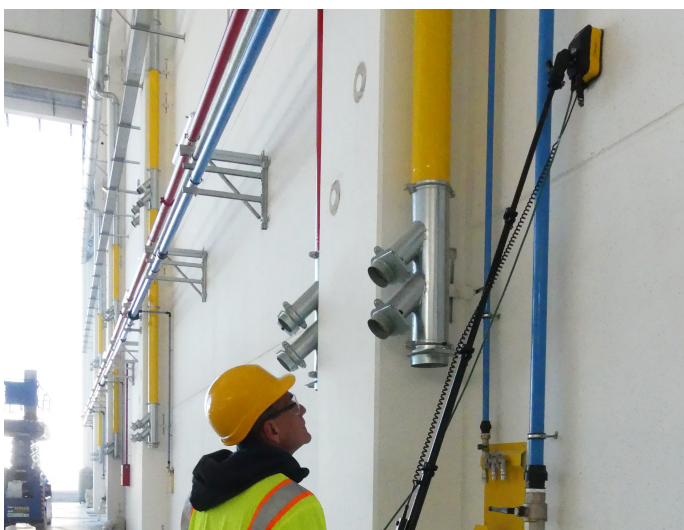
### IMPROVED ERGONOMICS BOOSTING USABILITY

Ergonomically designed for a maximum user experience, C-thru 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-thru 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-thru XS to maximize its reach in concrete scanning operations across challenging locations.



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



C-thru 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-thruve XS is available in two configurations:

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



C-thruve XS can be connected via LAN to the C-thruve device allowing for a real-time visualization of the collected data on the 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-thruve
- 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

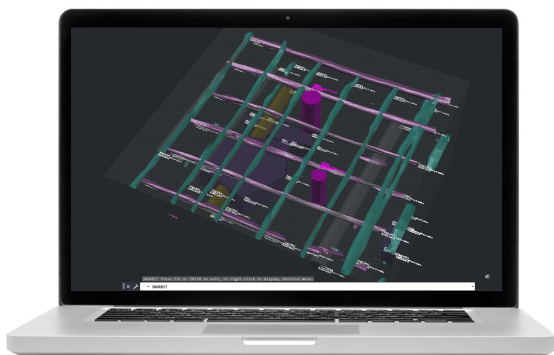
- C-thruve XS External Controller
- C-thruve XS Handle: Telescoping pole



## NDT Reveal

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

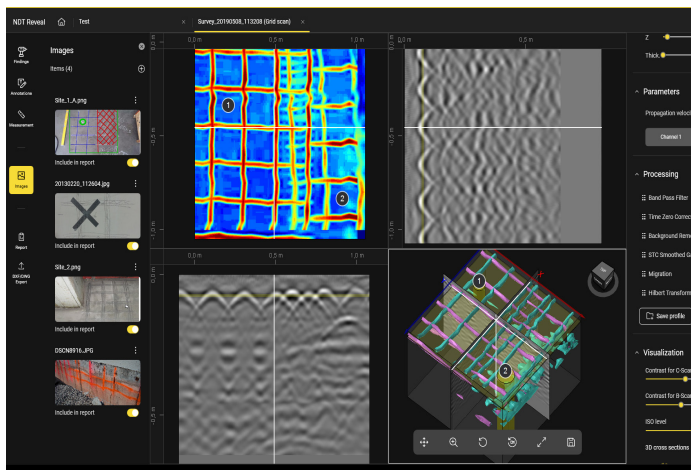
With NDT Reveal users can attach their jobsite surveys directly to their CAD drawing to seamlessly organize and manage complex Building and Construction projects.



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

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)





### **IDS GeoRadar**

IDS GeoRadar, part of Hexagon, provides products and solutions, based on radar technology, for mining, civil engineering and monitoring applications. The company is a leading provider of Ground Penetrating Radar (GPR) and Interferometric Radar solutions worldwide.

IDS GeoRadar is committed to delivering best-in-class performance solutions and to the pursuit of product excellence, through the creation of application-specific, innovative and cost-efficient systems for a wide range of applications including mining, utility detection and mapping, civil engineering, geology, archaeology and public safety.

Hexagon (Nasdaq Stockholm: HEXA B) has approximately 23,000 employees in 50 countries and net sales of approximately 4.3bn EUR.

Learn more at [hexagon.com](https://hexagon.com) and follow us @HexagonAB.

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