

C-thrue	
SYSTEM SPECIFICATIONS	
Antenna Center Frequency	2.0 GHz
Number of Antennas	4
Antenna Polarisation	Horizontal and Vertical
Number of Radar Channels	2
Scan Interval	Up to 10 scans/cm
Depth Range	Up to 80 cm (up to 31.5 in.)
Display modes	B-Scan and C-scan (radar tomography)
Positioning system	“Virtual Pad” (based on 3 High safety - Class 1 laser sensors with reflective bars)
AC Power Conduits Detection	EM sensor integrated (50/60 Hz)
Battery	Li-ion battery, 15V, 3.2Ah, 3-hour runtime
Data Storage	32 GB
Connectivity	USB, Wi-Fi
ENVIRONMENTAL SPECIFICATIONS	
Operating Temperature	-20°C to +50°C (-4°F to +122°F)
Storage Temperature	-40°C to +60°C (-40°F to +140°F)
Environmental	IP65
MECHANICAL SPECIFICATIONS	
Dimensions (length x width x height)	285mm x 200mm x 160mm (11,2in x 8,6in x 6,3in)
Weight	2.4 kg (5 lb) with battery
Display	7.0 inches TFT multi-touch
Drop Resistant	Compliant with MIL-STD-810G
SOFTWARE SPECIFICATIONS	
C-thrue software	Quick start-up Real time radar data acquisition, processing and visualization in B-Scan Real time feature marking, management and editing tool

	<p>Rebar/Void automatic discrimination</p> <p>VirtualPad * - Positioning & navigation system</p> <p>Visualization of C-scan (radar tomography)</p> <p>Real time diagnose of radar and the other devices</p> <p>Metric and imperial units</p> <p>Available in more than 20 languages</p> <p>First rebar layer automatic detection</p> <p>Automatic job reports</p> <p>Real time Power conduit sensing display</p>
ACCESSORIES SPECIFICATIONS	
C-thrue External Controller	<p>Remote control of C-thrue</p> <p>Representation of results in Augmented Reality (when used with Virtual Pad)</p> <p>Display: 10.1 inches</p> <p>Drop resistant: 1.8 m (5.9 ft)</p> <p>Connectivity: 4G LTE, Wi-Fi</p> <p>Environmental: MIL- STD 810G and IP65</p>
C-thrue Handle	<p>Telescopic aluminum pole</p> <p>1.8 m (6 ft)</p> <p>Remote control buttons</p>

* Patented