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

PART OF HEXAGON

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

* Patent Pending

PART OF HEXAGON

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