



C-thru

TECHNICAL FEATURES

Sensor Frequency	2.0 GHz
Number of Antennas	4
Antenna Polarization	Horizontal and Vertical
Number of Radar Channels	2
Scan Interval	Up to 10 scans/cm
Depth Range	Up to 100 cm (up to 39.4 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-thru software

- Quick start-up
- Real time radar data acquisition, processing and visualization in B-Scan and C-Scan
- Real time feature marking, management and editing tool
- 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
- Real time Power conduit sensing display
- Encoder Calibration

ACCESSORIES SPECIFICATIONS

C-thru External Controller

- Remote control of C-thru
- 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-thru Handle

- Telescopic aluminum pole
- 1.8 m (6 ft)
- Remote control buttons