



C-thrue XS

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 31.5 in.)
Display modes	B-Scan and C-scan (radar tomography)
Positioning system	Integrated encoder
Connectivity	LAN to Remote control or C-thrue
Power	Remote control or C-thrue

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)	145mm x 83mm x 80mm (5.7in x 3.2in x 3.1in)
Weight	0.450 kg (0.9 lb)
Drop Resistant	Compliant with MIL-STD-810G

SOFTWARE SPECIFICATIONS

C-thrue XS software	<ul style="list-style-type: none"> 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 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
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ACCESSORIES SPECIFICATIONS

C-thrue XS External Controller	Remote control and representation of results in Augmented Reality
C-thrue XS Handle	<ul style="list-style-type: none"> Telescoping aluminium pole - 1.8 m (6 ft) Remote control buttons