# C-thrue XS

## TECHNICAL FEATURES

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|---|---|
| Sensor Frequency | 2.0 GHz |
| Number of Antennas | 4 |
| Antenna Polarization | Horizontal and Vertical |
| Number of Radar Channels | 2 |
| Scan Interval | Up to 14 scans/cm |
| Depth Range | Up to 100 cm (up to 39.4 in.) |
| Display modes | B-Scan and C-scan (radar tomography) |
| Positioning system | Integrated wheel encoder |
| Connectivity | Ethernet to PC or C-thrue |
| Power | USB 3.0 or C-thrue |

## ENVIRONMENTAL SPECIFICATIONS

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|---|---|
| Operating Temperature | -20°C to +50°C (-4°F to +122°F) - IEC 60068-2-1/IEC 60068-2-1 |
| Storage Temperature | -40°C to +60°C (-40°F to +140°F) |
| Environmental | IP65 - IEC 60529 / EN 60529 |
| Rough Handling Shock | CEI EN 60068-2-64: 2012 |
| Drop | 1m (39.4 in.) - CEI EN 60068-2-31: 2011 |

## MECHANICAL SPECIFICATIONS

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|---|---|
| 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) |

## SOFTWARE SPECIFICATIONS

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|---|---|
| C-thrue XS software | Real time data acquisition, processing and visualization in B-Scan |
| | Visualization of C-scan (radar tomography) |
| | Real time feature marking, management and editing tool |
| | Rebar/Void automatic discrimination |
| | Real time diagnose of radar |
| | Metric and imperial units |
| | Available in more than 20 languages |
| | Encoder Calibration |

## ACCESSORIES SPECIFICATIONS

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|---|---|
| C-thrue XS External Controller | Remote control and representation of results in Augmented Reality |
| C-thrue XS Handle | Aluminum telescopic pole - 1.8 m (6 ft) |
| | Remote control buttons |