

StudSensor™ Pro SL-AC



Deep-Scanning Stud Finder with SpotLite® Pointing System and WireWarning® Detection

StudSensor™ Pro SL-AC quickly and easily locates the edges of wood and metal studs and joists behind walls, floors, and ceilings. The patented SpotLite® Pointing System shines a beam of light on the wall to identify the target, and WireWarning® detection indicates the presence of live AC voltage. Its tough, ergonomic housing withstands everyday jobsite use.

- StudScan mode locates the edges of wood or metal studs up to ¾ inch (19 mm) deep
- DeepScan® mode doubles the scanning depth to 1 ½ inches (38 mm)
- Red LEDs light up every time a stud edge is approached
- Patented SpotLite® Pointing System, an audio alert, and a green LED signals when the stud edge is reached
- WireWarning® detection indicates the presence of live, unshielded electrical wiring up to 2 inches (51 mm) deep
- Should scanning begin over a stud, Zircon's patented "over-the-stud" indicator alerts the user to start the scan in a new location
- Patented TruCal® technology calibrates to any wall's density and a steady green LED TruCal® light alerts the user when the tool is ready and calibrated



Find Stud Edges



Scan Thick Walls for Studs



Find Wood or Metal Studs



WireWarning® Detection

SPECIFICATIONS

Dimensions	5.57 in. H x 2.34 in. W x 1.14 in. D (142 mm x 60 mm x 29 mm)
Weight	2.4 oz. (67.3 g) without battery
Battery Type	9V alkaline (not included)
Position Accuracy*	Up to a depth of ¾ in. (19 mm): Typically within ¼ in. (3 mm) using the dual scan and mark procedure Up to a depth of 1 ½ in. (38 mm): Typically within ⅜ in. (5 mm) using the dual scan and mark procedure
Depth*	StudScan mode: Up to ¾ in. (19 mm) DeepScan® mode: Up to 1 ½ in. (38 mm)
WireWarning® Position Accuracy*	Typically 90-250 V at 50-60 Hz within 6 in. (152 mm) of a hot unshielded wire in drywall
WireWarning® Depth*	In typical wall with Romex™ wiring, wire can be detected up to 2 in. (51 mm) deep
Operating Temperature	20° to 105°F (-7° to 41°C)
Storage Temperature	-20° to 150°F (-29° to 66°C)
Humidity	5-90% RH (non-condensing)
Water Resistance	Splash and water resistant, not waterproof

*NOTE: See tool's instructions for more information. Sensing depth and accuracy can vary due to moisture, content of materials, wall texture, paint, etc. Indoor use only.