

StudSensor™ L40

Deep-Scanning Stud Finder with SpotLite® Pointer and WireWarning® Detection



The StudSensor™ L40 quickly and easily locates the edges of wood and metal studs and joists behind walls, floors, and ceilings. It features an easy-to-understand user interface and wide, contoured overmold for a comfortable, secure grip. WireWarning® detection indicates the presence of live AC voltage. Use to find the edges of wood and metal studs to securely anchor pictures, mirrors, and shelves.

- **StudScan mode** locates the edges of wood or metal studs up to ¾ in. (19 mm) deep
- **DeepScan® mode** doubles the scanning depth to 1½ in. (38 mm) deep
- **READY light** indicates when calibration has completed successfully
- **Red arrows** light up sequentially as you approach a stud and top **EDGE arrow** illuminates when you have found a stud edge
- Zircon's patented **"over-the-stud" indication** alerts the user to start the scan in a new location if scanning begins over a stud
- **WireWarning® detection** indicates the presence of live, unshielded AC electrical wiring up to 2 in. (51 mm) deep
- **SpotLite® Pointer** shines an arrow-shaped light on the wall to clearly indicate the edge of the stud
- **Translucent base and illuminated "V" marker groove** for more accurate marking of stud edge location
- **Rubber handle** for non-slip grip



Find Stud Edges



Find Wood or Metal Studs



Scan Thick Walls for Studs



WireWarning® Detection

SPECIFICATIONS

Dimensions 6.66 in. H x 2.80 in. W x 1.69 in. D
(168 mm x 71 mm x 43 mm)

Weight 4.0 oz. (113.4 g) without battery

Battery Type 9V alkaline, required

Position Accuracy*

Up to a depth of ¾ in. (19 mm):

Typically within ⅛ in. (3 mm) using the dual scan and mark procedure

Up to a depth of 1½ 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 1½ in. (38 mm)

WireWarning® Position Accuracy*
Typically 90-250 V at 50-60Hz 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:** Sensing depth and accuracy can vary due to moisture, content of materials, wall texture, paint, etc. Not recommended for use on lath and plaster. Indoor use only.