

# StudSensor™ HD35

## Stud Finder with SpotLite® Pointer and WireWarning® Detection



The StudSensor™ HD35 stud finder features the latest design innovation by Zircon. Designed with a bright, easy-to-understand interface and a wide, contoured grip for comfort and ease of use, it provides optimized visibility and a secure hold at any angle. Find the edges of wood and metal studs to securely anchor pictures, mirrors, and shelves to the wall while also avoiding live AC electrical wiring.

- **StudScan mode** locates the edges of wood or metal studs up to ¾ in. (19 mm) deep
- **READY light** indicates when calibration is complete and tool is ready for use
- **EDGE arrow** lights up sequentially as you approach a stud and fully illuminates when you have found the stud edge
- Zircon's patented "**over-the-stud**" indication alerts you to start the scan in a new location as scanning began 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



Find Stud Edges



Find Wood or Metal Studs



WireWarning® Detection

### SPECIFICATIONS

**Dimensions** 6.09 in. H x 2.37 in. W x 1.31 in. D (155 mm x 60 mm x 33 mm)

**Weight** 3.2 oz. (91 g) without battery

**Battery Type** 9V alkaline, required

**Position Accuracy\***  
**Wood studs:** Typically within ¼ in. (3 mm) using the dual scan and mark procedure  
**Metal studs:** Typically within ½ in. (13 mm) using the dual scan and mark procedure

**WireWarning® Position Accuracy\*** Typically 90-250 V at 50-60Hz within 6 in. (152 mm) of a hot unshielded wire

**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.