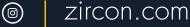# SuperScan™ H4 | Advanced Wall Scanner

Featuring new, revolutionary Target Control™ (TC™) Level 1 Technology, the Zircon® SuperScan™ H4 advanced wall scanner is tuned to find clean, wood studs while filtering out metallic false positive objects, such as plumbing, conduit, straps, brackets, or ducts, hiding beneath surfaces. The LoLevel™ and MetalliWarning™ Indicators alert to the presence of dangerous, deep, less dense false positives, and metal targets, reducing the chance of accidentally drilling into a piece of metal or plastic pipe. With the addition of AC Scan mode, users can search for hot, unshielded AC voltage.

The SuperScan™ H4 offers five distinct detection modes - TC™, StudScan, DeepScan®, Metal Scan, and AC Scan. A 4-mode switch makes it easy to toggle between functions, while the ColorTrip® Display conveniently details information. The screen illuminates pale blue in TC™ mode and locates the center, edges, and direction of wood studs, while enabling the user to identify 'safe-to-drill' zones by utilizing the new 'Trust but Verify' technique. When TC™ mode is off, the tool will perform in StudScan mode indicating both wood and metal studs. DeepScan® mode doubles the scanning depth to find wood and metal studs beneath extra layers of drywall or paneling. The dedicated Metal Scan mode helps users identify both ferrous and non-ferrous metals. AC Scan mode enables users to locate and map the wall for live, unshielded AC electricity.

- **NEW! – Target Control™ (TC™) Mode** locates the center, edges, and direction of wood studs, and not metal, up to ¾ in. (19 mm) deep behind surfaces. Identifies 'safe-to-drill' zones between adjacent drywall screws, nails, and protector plates
- **StudScan Mode** locates center, edges, and direction of wood and metal studs up to ¾ in. (19 mm) deep
- **DeepScan® Mode** doubles the scan depth of wood and metal studs up to 1½ in. (38 mm) deep
- **Metal Scan Mode** locates ferrous metal up to 3 in. (75 mm) deep and non-ferrous metal up to 1½ in. (38 mm) deep
- **AC Scan Mode** locates live, unshielded AC electrical wiring up to 2 in. (50 mm) deep
- **WireWarning® Detection** alerts to live, unshielded AC wires up to 2 in. (50 mm) deep
- **LoLevel™ Indicator** displays low (weak) signal objects, such as plastic water pipes, while in TC™ mode
- **Signal Strength Indicator** helps distinguish between shallow and deep targets while in StudScan and DeepScan® modes
- **MetalliWarning™ Indicator** turns on when metal is detected in TC™, StudScan, and DeepScan® modes
- **ACT™** (Auto Correcting Technology) automatically corrects common errors, such as when scanning begins over a stud
- **Target Spotlight** illuminates on screen when target is detected
- **ColorTrip® Display** illuminates pale blue in TC™ mode, green in DeepScan® mode, blue in Metal Scan mode, and red in AC Scan mode and to alert the presence of live AC electricity
- **SpotLite® Pointer** shines an arrow-shaped light on the scanned surface to indicate target location
- **"V" marker groove** enables accurate marking of target location
- **Low Battery Indicator** for optimum performance (9V battery required, not included)

⊕ **Stud Center Finding**

▁▂▃ **LoLevel™/Signal Strength Indicator**

⚓ **Metal Scan/MetalliWarning™ Indicator**

⚠ **AC Scan/WireWarning® Detection**

◯ **DeepScan® Mode**

TC **Target Control™ Technology**

Specifications

Dimensions	7.9 in. x 3.5 in. x 1.9 in. (200 mm x 89 mm x 48 mm)
Weight	8.0 oz. (226 g) (no battery)
Battery Type	9V alkaline battery required, not included
Position Accuracy	Up to a depth of ¾ in. (19 mm) typically, within ⅛ in. (3 mm)
Depth	**Target Control™ mode:** up to ¾ in. (19 mm) **StudScan mode:** up to ¾ in. (19 mm) **DeepScan® mode:** up to 1½ in. (38 mm) **Metal Scan mode:** up to 3 in. (75 mm) deep for ferrous metal and up to 1½ in. (13 mm) deep for non-ferrous metal **AC Scan mode:** up to 2 in. (50 mm)

AC & WireWarning® Position Accuracy	Typically, 120-230V at 50-60Hz within 6 in. (150 mm) of hot unshielded wire in drywall
AC & WireWarning® Depth	Up to 2 in. (50 mm) deep
Operating Temperature	40° to 120°F (4° to 49°C)
Storage Temperature	20° to 140°F (-7° to 60°C)
Humidity	5-95% RH (non-condensing)
Water Resistance	Splash and water resistant, not waterproof

*NOTE: USE ONLY IN ACCORDANCE WITH SUPERSCAN™ H4 INSTRUCTIONS.
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.**