

# SuperScan™ M4 | Advanced Wall Scanner



Featuring new, revolutionary Target Control™ (TC™) Level 1 Technology, the Zircon® SuperScan™ M4 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™ M4 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 centre, 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 centre, edges, and direction of wood studs, and not metal, up to 19 mm deep behind surfaces. Identifies 'safe-to-drill' zones between adjacent drywall screws, nails, and protector plates
- **StudScan Mode** locates centre, edges, and direction of wood and metal studs up to 19 mm deep
- **DeepScan™ Mode** doubles the scan depth of wood and metal studs up to 38 mm deep
- **Metal Scan Mode** locates ferrous metal up to 75 mm deep and non-ferrous metal up to 38 mm deep
- **AC Scan Mode** locates live, unshielded AC electrical wiring up to 50 mm deep
- **WireWarning™ Detection** alerts to live, unshielded AC wires up to 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 Centre Finding**
- LoLevel™/Signal Strength Indicator**
- Metal Scan/MetalliWarning™ Indicator**
- AC Scan/WireWarning™ Detection**
- DeepScan™ Mode**
- TC™ Target Control™ Technology**

## Specifications

<b>Dimensions</b>	200 mm x 89 mm x 48 mm
<b>Weight</b>	226 g (no battery)
<b>Battery Type</b>	9V alkaline battery required, not included
<b>Position Accuracy</b>	Up to a depth of 19 mm typically, within 3 mm
<b>Depth</b>	<b>Target Control™ mode:</b> up to 19 mm <b>StudScan mode:</b> up to 19 mm <b>DeepScan™ mode:</b> up to 38 mm <b>Metal Scan mode:</b> up to 75 mm deep for ferrous metal and up to 13 mm deep for non-ferrous metal <b>AC Scan mode:</b> up to 50 mm

<b>AC &amp; WireWarning™ Position Accuracy</b>	Typically, 120-230V at 50-60Hz within 150 mm of hot unshielded wire in drywall
<b>AC &amp; WireWarning™ Depth</b>	Up to 50 mm deep
<b>Operating Temperature</b>	4° to 49°C
<b>Storage Temperature</b>	-7° to 60°C
<b>Humidity</b>	5-95% RH (non-condensing)
<b>Water Resistance</b>	Splash and water resistant, not waterproof

**\*NOTE: USE ONLY IN ACCORDANCE WITH SUPERSCAN™ M4 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.**