

# Handheld Thermal Imager for Temperature Measurement

This handheld device is designed for thermal imaging and temperature measurement. It features a high-resolution display for clear visualization of temperature distribution, making it suitable for various applications such as building inspection, electrical maintenance, and HVAC troubleshooting.



## Overview

### Versatile 4-in-1 Detection Solution

The EM530 is a comprehensive multifunction detector designed for precision in construction, fitment, and renovation projects. This advanced handheld unit integrates four essential functions: stud detection, metal scanning, AC voltage tracing, and a built-in measuring tape. It provides professionals with a reliable way to locate hidden structural elements and hazards, ensuring safety and accuracy during wall-related tasks.

## Detection Capabilities

### Detection Depths

Mode	Depth/Capacity
Wood Stud (30x30mm)	d14m
Iron Pipe (∅20mm)	d26m
AC Voltage (90–250V)	d50m

### Supported Modes

Wood Stud Detection, Metal Detection, AC Voltage Tracing, Measuring Tape

## Technical Specifications

### Operating Environment

- Operating Temperature: -7 to 40°C
- Operating Humidity: <75% RH

### Storage Environment

- Storage Temperature: -20 to 50°C
- Storage Humidity: <85% RH

## Physical Attributes

### Dimensions

<b>180 mm</b> Length	<b>73 mm</b> Width	<b>32 mm</b> Thickness
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### Weight

213 g

## Power and Maintenance

### Battery Type

6F22, 9V

### Auto Power Off

Yes