



TC004

Professional Inspections, Simplified.

The TC004 is a professional thermal inspection tool built for fast, everyday jobsite use. Its 3.5-inch display and TISR-supported imaging deliver clear thermal visuals, while built-in Wi-Fi enables a streamlined workflow for electrical, building, and mechanical inspections.

Features

- **Clear Imaging:** 256×192 IR resolution with ≤40 mK thermal sensitivity. Built-in TISR processing enhances image clarity and detail to 512×384.
- **Large, Easy-to-Read Display:** 3.5-inch screen with enhanced 640×480 resolution for easier image review.
- **All-Day Operation:** Up to 8.5 hours of runtime with fast, 2-hour charging to minimize downtime.
- **Durable Design:** IP54-rated and 2 m drop-tested for rugged field use.
- **Wireless Connectivity:** Built-in Wi-Fi enables fast data transfer and compatibility with the TopInfrared mobile app and TopView PC software for analysis and reporting.
- **Built-in Laser Positioning:** Clearly mark the measurement point in complex environments, ensuring precise targeting and professional inspections.

Specs

- Infrared Resolution: 256×192
- Refresh Rate: 25 Hz
- Spectral Range: 8–14 μm
- Pixel Size: 12 μm
- Thermal Sensitivity (NETD): ≤ 40 mK
- Field of View (FOV): 56° × 42°
- Instantaneous Field of View (IFOV): 3.75 mrad
- Temperature Measurement Range: -4°F to 1022°F (-20°C to 550°C)
- Measurement Accuracy: ±2°C or ±2% of reading (whichever is greater)
- Temperature Resolution: 0.1°C
- Internal Storage: 64 GB eMMC
- Battery Capacity: 5,000 mAh
- Operating Time: Up to 8.5 hours
- Software Compatibility: TopInfrared (Mobile), TopView (PC)

What's In The Box

- TC004
- Universal Travel Adapter
- USB Cable (USB-A to USB-C)
- User Manual
- Storage Bag
- Product Certificate
- Calibration Certificate

