



TC005

See More Than Human Eye Can

The TC005 is a handheld thermal camera that measures an expansive temperature range. From -20°C to 550°C (-4°F to $+1022^{\circ}\text{F}$), and offers a 12-hour runtime. The high-resolution 256×192 pixel infrared camera allows you to say goodbye to blurry images. The tool is ready for analysis with the standalone and the PC modes, enabling users to project and upload images from the TC to their PC. Added benefits of the TC005 include seven options for Pseudo-Color Display, a 2-megapixel visible light camera for overlapping images, and a picture-in-picture mode.

With IP54 water protection and a 2 meter (6.6 ft.) drop-proof design, the TC005 provides a simple, professional and efficient solution for electrical diagnosis, home maintenance, mechanical equipment maintenance, construction inspection, agriculture, forestry, and care of livestock.

Features & Benefits

- Wide Field of View: $52.5^{\circ} \times 39.5^{\circ}$
- High Resolution Camera: 256×192 Pixels
- Wide Temperature Range: -20°C to 550°C (-4°F to $+1022^{\circ}\text{F}$)
- Automatic Temperature Detection
- Drop Proof Up To 2 Meters
- Multiple Imaging Modes
- PC Compatible
- IP54 Rating to Protect Against Water and Dust
- 2 Megapixel Visible Light
- Picture-In-Picture
- 7 Pseudo-Color Options
- 12-Hour Battery Life
- Built-In LED light

What's in the Box

- Thermal Camera *1
- 16G Memory Card *1
- USB Data Cable *1
- Storage Bag *1
- User Manual *1
- 5V3A Power Adapter *1

Specs

Dimensions: 9.45" x 2.76" x 3.54" (240 x 70 x 90mm)
 Weight: 18.3 oz (520g)
 Storage Temp: 14°F to 131°F (-10 to $+55^{\circ}\text{C}$)
 Working Temp: 14°F to 122°F (-10 to $+50^{\circ}\text{C}$)
 Screen Size: 2.8-inch Display (7.1 cm)
 Resolution: 256×192 Pixels
 Object Temp. Range: -4°F to $+1022^{\circ}\text{F}$ (-20 to 550°C)
 Spectral Range: 8 – $14\mu\text{m}$
 Image Frequency: 20 Hz
 Focal Length: 0.12 in. (3.2 mm)
 Heat Sensitivity: 40mk

