High-Resolution Thermal Imaging Camera with Rotating LCD

This thermal imaging camera is an intelligent inspection device with high resolution for pin-pointing overheating. It features an ergonomic rotating LCD and lens design for comfortable use.

ADDITIONAL IMAGES

Overview

Ergonomic rotary design allows the LCD to rotate 270° and the lens to tilt 70° for comfortable multi-angle observation.

High-Performance Thermal Inspection

This advanced thermal imaging camera is designed for professional electrical and mechanical inspections, offering high-resolution thermal data capture. It features an ergonomic rotating LCD and lens design, ensuring operator comfort when inspecting overhead components. Built on an open Android operating system, the device functions as both a powerful thermal imager and a versatile mobile terminal for various diagnostic applications.

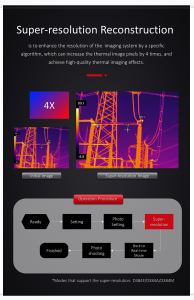
Key Features

Supports professional analysis via PC software and real-time remote control/sharing via Wi-Fi connectivity.

Key Capabilities	Android OS, Rotating LCD, Multi-spectral Image Fusion, Wi-Fi Connectivity, Touch Screen

Imaging Performance

The 5-inch 720P touch screen provides intuitive data presentation and high clarity for thermal analysis.



Super-resolution reconstruction enhances image quality by increasing thermal image pixels by 4 times.

IR Resolution

- 384 × 288 (C400)
- 640 × 480 (C640 / C640P)

Display

5 inch	720 P
Screen Size	Resolution

Display Modes

IR • Visible • PIP • MIF

Technical Specifications

Temperature Range	-20°C to 2000°C
Dimensions	206mm × 145mm × 135mm
Weight	1350 g

Lens Options

Available Lens Configurations

Lens Type	Specification
Wide Angle	13mm / F1.1
Telephoto	55mm / F1.1
Ultra Telephoto	85mm / F1.2
Macro Lens	8°×6° / 14°×11°