

# M SERIES HANDHELD THERMOGRAPHY CAMERA

## ADVANCED THERMAL IMAGING CAMERA WITH FULL FUNCTION ANALYSIS

- ◆ Outstanding Image Quality
- ◆ Flexible Ways to Measure
- ◆ Manual Focus Supported
- ◆ 3.5-inch Touch Screen

**35 mK**

Excellent  
Thermal Sensitivity

**25 HZ**

Smooth  
Image Frequency

**8 MP**

HD  
Visible Camera

**4 h**

4 hours  
Continuous Running

**Laser**

Laser Pointer

**IP54**

Rugged  
Ingress Protection

**2 M**

2m  
Drop Test Approved

**LED**

LED  
Light Supplement

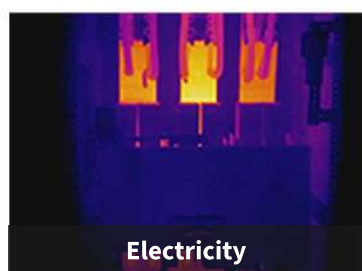
**PC**

Powerful  
Analysis Software

**APP**

Practical Real-time  
Phone APP

**HIKMICRO M Series** handheld thermography camera is specially designed for temperature measurement. It's equipped with a high resolution thermal detector and a 8MP resolution optical light detector. The 3.5-inch touch screen displays picture in picture of optical and thermal view, fusion of both channels. HIKMICRO M series handheld cameras is an ideal solution which provides accurate non-touch temperature measurement and heat distribution image display for electrical predictive maintenance, building inspection, HVAC inspection, manufacturing monitor, etc.



|                       |                          |  |
|-----------------------|--------------------------|--|
| <b>THERMAL MODULE</b> | Image Sensor             | Vanadium Oxide Uncooled Focal Plane Arrays   |
|                       | IR Resolution            | 384 × 288 (110 592 pixels)   |
|                       | NETD                     | < 35 mK (@25°C, F#=1.0)  |
|                       | Field of View            | 37.5° × 28.5°  |
|                       | Image Frequency          | 25 Hz  |
|                       | Focus                    | Manual   |
|                       | IFOV                     | 1.7 mrad   |
| <b>OPTICAL MODULE</b> | Picture Resolution       | Configurable: 2 MP, 5 MP, 8 MP   |
| <b>IMAGE DISPLAY</b>  | Display                  | 640 × 480 Resolution, 3.5" LCD Touch Screen  |
|                       | Image Modes              | Thermal / Optical / Fusion / PIP   |
| <b>THERMOGRAPHY</b>   | Object Temperature Range | -20 °C to 550 °C (-4 °F to 1022 °F)  |
|                       | Accuracy                 | Max (±2°C/3.6°F, ±2%), for ambient temperature 15°C to 35°C (59°F to 95°F) and object temperature above 0°C (32°F) |
|                       | Measurement Presets      | Center Spot, Hot Spot, Cold Spot, Off, 10 Point Presets, 1 Line Preset, 3 Box Presets                              |
|                       | High Temperature Alarm   | Audible Warning  |
| <b>BATTERY</b>        | Color Alarm              | Above/Below/Interval/Insulation  |
|                       | Battery Type             | Dismountable and Rechargeable Li-ion Battery   |
| <b>FUNCTIONS</b>      | Operating Time           | 4 Hours Continuous Running   |
|                       | Laser Pointer            | Yes  |
|                       | Wi-Fi                    | 802.11 a/ac/b/g/n (2.4 and 5GHz)   |
|                       | Level/Span               | Auto/Manual  |
|                       | Menu Language            | 18 Languages   |
| <b>STORAGE</b>        | Storage Media            | Removable Micro SD Card (64 GB)  |
|                       | Image Storage Capacity   | 120 000 images   |
|                       | Video Storage Capacity   | 56 hours   |
| <b>GENERAL</b>        | Protection Level         | IP54   |
|                       | Drop Test Height         | 2 m (6.56 ft)  |
|                       | Weight                   | 660 g (1.46 lb)  |