DH-TPC-HT2201

Handheld Thermal Camera

- 256 × 192 uncooled VOx FPA
- Measurement Accuracy: ±0.5°C
- Support audible alarm
- PC client for live view & alarm
- AI non-contact temperature monitoring
- Operating time ＞ 8h

System Overview

The Dahua Handheld Thermal Camera allows non-contact and rapid temperature measurement, and offers no risk for frontliners. It can be conveniently deployed in public places, and can be used for efficient and safe preliminary screening of temperature anomalies.

Technical Specification

Thermal

Detector Type	Uncooled VOx FPA
Effective Pixels	256 × 192
Pixel Pitch	12 μm
Spectral Range	8 μm–14 μm
Thermal Sensitivity (NETD)	≤50 mK@f/1.0
Focal Length	3.5 mm
Field of View	37.8° × 50.6°
Focus Mode	Athermalized
Aperture	F1.0
Color Palettes	4(Whitehot/Blackhot/Rainbow/Ironbow)

Image Display

Display	2.4' LCD
Resolution	320 × 240

Temperature Measurement

Temperature Measurement Range	30°C ~ 45°C (86°F-113°F)
Temperature Accuracy	±0.5°C (Operating Temperature 10°C ~35°C)
Temperature Mode	Center/Max. Temperature/Head
Temperature Measuring Distance	0.5m-1.5m

Storage

Image storage	Micro SD Card (Max. 256G)

Port

USB	Micro USB
Tripod screw hole	Support

Battery

The battery type	Built-in rechargeable lithium-ion battery
Battery Life	＞8h continuous operation @ 25°C
Charging time	≤2.5h@ 25°C

Environment

Operating Temperature	10°C to 35°C (50°F-95°F)

Physical Characteristics

Protection Grade	IP54
Packaging Dimensions	192.4mm×62.55mm×72.2mm
Net Weight	＜500g

Note: Battery life will be reduced if head detection/audible alarm/video record function is enabled.

The temperature measurement accuracy is the typical value under the specified mode and application conditions, and the final interpretation belongs to Dahua