DH-TPC-HT2201

Handheld Thermal Temperature Monitoring Camera

· 256 × 192 uncooled VOx thermal sensor technology
· Measurement Accuracy: ±0.5°C
· Smart buzzer alarm
· Support live view on PC by micro USB
· High temperature automatic shooting
· Non-contact temperature monitoring

System Overview

Dahua thermal cameras characterized by non-contact, multi-objective, rapid, and no risk to temperature testers, etc. It can be conveniently deployed in public places with dense personnel, and can be used for efficient and safe preliminary screening of temperature anomalies.

Technical Specification

Thermal

Detector Type	Uncooled VOx
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 (95°F-113°F)
Temperature Accuracy	±0.5°C (Operating Temperature 15°C ~35°C)
Temperature Mode	Center/Max. Temperature
Temperature Measuring Distance	Min.0.5m

Storage

Image storage	Micro SD Card (Max 256G)

Port

USB	Micro USB
Tripod screw hole	Yes

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	15°C to 35°C (59°F-95°F)
Storage Temperature	-20°C to +60°C (-4°F-＋140°F)

Physical Characteristics

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

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