

# T20 Pro

## Handheld Thermal Temperature Monitoring Camera



- 256 × 192 uncooled VOx thermal sensor technology
- Measurement Accuracy:  $\pm 0.5^{\circ}\text{C}$
- Smart buzzer alarm
- Support live view on PC by micro USB
- High temperature automatic shooting
- Non-contact temperature monitoring

### System Overview

The T20 PRO thermal camera is a non-contact, rapid, and no risk to temperature tester. It can be conveniently deployed in public places with dense crowds, and can be used for efficient and safe preliminary screening of temperature anomalies with an accuracy of  $\pm 0.5^{\circ}\text{C}$ .

### Technical Specification

#### Thermal

Detector Type	Uncooled VOx
Effective Pixels	256 × 192
Pixel Pitch	12 $\mu\text{m}$
Spectral Range	8 $\mu\text{m}$ –14 $\mu\text{m}$
Thermal Sensitivity (NETD)	$\leq 50 \text{ mK}@f/1.0$
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)
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Temperature Accuracy	$\pm 0.5^{\circ}\text{C}$ (Operating Temperature 15C ~35°C)
Temperature Mode	Center/Max. Temperature
Temperature Measuring Distance	Min.0.5m

#### Storage

Image storage	Micro SD Card (Max 256G)
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#### 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	$\leq 2.5\text{h}$ @ 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