

HTC-01

Handheld Thermography Thermal Camera



The handheld thermal camera, specially designed to detect elevated skin-surface temperature with high accuracy in real time. It is equipped with a 160×120 resolution thermal detector, can be widely used for preliminary temperature screening in office buildings, factories, stations, airports and other public places.

Key Features

- 160 × 120 resolution
- Thermographic accuracy up to ± 0.5 °C
- 320 × 240 resolution 2.4" LCD display
- Built-in rechargeable Li-ion battery
- Up to 8 hours continuous running

Functions

Thermography

Device detects the real-time temperature, and display it on the screen.

Storage

Device is equipped with replaceable memory card to store recorded captured snapshots, and important data.

Palette

Device supports 4 palettes.

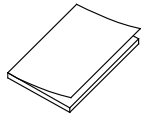
Specification

| Model | | HTC-01 |
|----------------|---|--|
| Parameter | | Handheld Thermography Camera |
| Thermal Module | Image sensor | Uncooled Focal Plane Arrays |
| | Max. Resolution | 160 × 120 |
| | Pixel Pitch | 17μm |
| | Response waveband | 8μm to 14μm |
| | NETD | < 40mK (@ 25 °C, F#=1.0) |
| | Field of View | 37.2° × 50° |
| | Focal length | 3.1 mm |
| | IFOV (mrad) | 5.48 mrad |
| | Min. Focus Length | ≥ 150 mm |
| | Aperture | F 1.1 |
| Image Display | Monitor | 320 × 240 resolution 2.4'' LCD display |
| | Palettes | Black hot, White hot, Rainbow, Ironbow |
| Thermography | Rules | 3 thermometry points: Max. Temperature; Min. Temperature; Center Temperature |
| | Thermographic Range | 30°C to 45 °C |
| | Thermographic Accuracy | ±0.5 °C |
| Battery | Battery Type | Rechargeable Lithium Battery |
| | Battery Operating Time | 8 hours continuous running |
| | Storage | Replaceable memory card (default 8G, support up to 128G storage) |
| | Photo | Thermal image |
| | Language | English |
| General | Power | 3.7 V DC/0.4 A |
| | Power Consumption | Less than 1.2 W |
| | Hardware Interface | micro USB |
| | Working Temperature | 10 °C to 35 °C |
| | Protection level | IP54 |
| | Drop Test Height | 2 m (6.56 feet) |
| | Dimension | 196 mm × 117 mm × 59 mm (7.7 '' × 4.6 '' × 2.3 '') |
| | Weight | Approx. less than 350 g (0.77 lb) |
| Accessory | Power Adaptor, USB cable, 8GB memory card, User manual, Disk, Wrist Strap | |

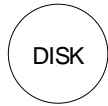
Order Models

HTC-01

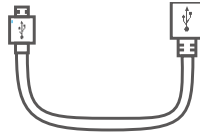
Box Content



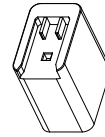
User Manual (x1)



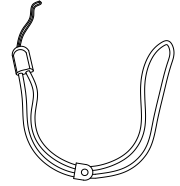
Disk (x1)



USB Cable (x1)



power Adapter
(x1)



Wrist Strap (x1)

Dimension

