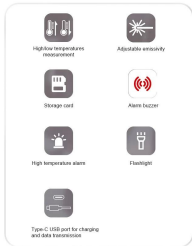
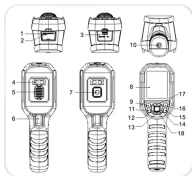


Product characteristics



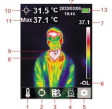
Structure



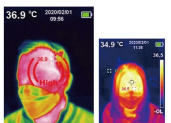
| Item | Description | Item | Description |
|------|----------------------------|------|------------------------|
| 1 | Micro SD card slot | 10 | Triangl measuring hole |
| 2 | Type-C USB interface | 11 | Flashlight button |
| 3 | Interface cover | 12 | Left button |
| 4 | LED light | 13 | Down button |
| 5 | Infrared camera lens cover | 14 | Right button |
| 6 | Trigger | 15 | Back button |
| 7 | Infrared camera lens | 16 | Ready button |
| 8 | LCD | 17 | Up button |
| 9 | Power button | 18 | SET button |

Display

Display size 2.8"
Display resolution: 320 (vertical) x 240 (horizontal) pixels



| Item | Description | Item | Description |
|------|-----------------------------------|------|---------------------------|
| 1 | Temperature unit option | 6 | Minimum temperature point |
| 2 | Center option | 9 | Center point |
| 3 | Color palette option | 10 | Center point temperature |
| 4 | High/Low temperature alarm option | 11 | Maximum temperature |
| 5 | Settings option | 12 | Time & time |
| 6 | Temperature bar lower value | 13 | Battery status |
| 7 | Temperature bar upper value | | |



HL0 Temperature Alarm: Central point temperature measurement, high/low temperature audio alarming and real-time temperature display.



Alarm buzzer: +52°C high temperature audio alarm

Specifications

| | |
|----------------------------|--|
| Sensor | UPPA |
| Temperature range | 30°C-45°C |
| Measurement resolution | 0.1°C |
| Accuracy | ±0.5°C (at 25°C ambient temperature) |
| Optical measuring distance | 1 meter |
| Minimum measuring distance | 15cm |
| Response time | 200ms |
| IR radiation | 4000 pixels (30x140) |
| Pixel size | 15µm |
| Color palette | Iron Red, Rainbow, White Hot, Red Hot, Fire Blue |
| Internal optical band | 0.4µm-14µm |
| Field of view (FOV) | 51° (size 20° HxV) |
| Spot/Resolution (IFOV) | 3.3mrad |
| Thermal sensitivity (NETD) | ±150mK |
| Display size | 2.8" |
| Image format | JPG |
| Certification | EN 61010-1 2011, EN 61010-2-2:2011, EN 61010-3 |

General parameters

| | |
|------------------------------------|---|
| Audio alarm | Yes |
| PC software | Yes |
| Data transmission | Type-C USB interface |
| Product size (L x W x H) | 230mm x 75 mm x 80 mm |
| Display type | 2.8" TFT LCD |
| Display resolution | 320 x 240 pixels |
| Battery | 3.6V/1000mAh (rechargeable lithium battery) |
| Auto power off | 1 minute, 5 minutes, 10 minutes (default: 30 minutes) |
| Battery life | 16 hours |
| Charging time | 4 hours |
| Charging voltage | 5V/2A |
| Input Voltage | Input: 5V/1A |
| Transportation storage environment | -30°C-60°C (F: -10°F-140°F) |
| Operating altitude | $0\sim 10000\text{m}$ |