

Specification to our [precise Infrared Thermal Camera HT-18](#)

| | |
|---------------------------|--|
| Display | 3.2" full-color screen |
| Infrared image Resolution | 220*160 |
| Total Pixel | 35,200 pixels |
| Visible image resolution | 0.3 mega pixels. |
| Thermal sensitivity | 0.07° |
| Temperature range | -20°C to 300°C(-4°F to 572°F) |
| Measuring Accuracy | ±2% or ±2°C(±4°F) |
| FOV/Shortest Focal Length | 27°×35°/0.5m |
| Thermal Sensitivity: | 0.5°C |
| Wavelength Range: | 8-14μm |
| Emissivity | 0.1-10.0 Adjustable |
| Image Frequency | 8HZ |
| Focus Mode | Fixed |
| Vision Option | full infrared and full vision Visible image with 25% step length |
| Image Storage | SD card(4G) |
| File Format | JPG |
| Battery Supply | built-in chargeable 18650 |
| USB | Micro USB2.0 |
| Auto Power-off Time | 5 mintues/20 minutes/ not power off automatically |
| Authentication | CE, RoHS |
| Operating Temperature | -5°C to 40°C (23°F to 104°F) |
| Storage Temperature | -20°C to 50°C (-4°F to 122°F) |
| Relative Humidity | 10%RH to 80%RH |
| Item Size | 223×105×90mm |
| Item Weight | 289g |
| Package Includes | 1 x infrared temperature detector 1 x cable 1 x user manual 1 x carry pouch 1 x carry pouch strap 1 x cardboard package box |

The Pictures of Different Views for [Thermal Imager HT-18](#)





Temperature Range:
-20°C to +300°C
-4°F to 572°F
Resolution:
220×160





● APPLICATIONS

XEAST®

The Applications to our [Infrared Thermal Camera of HT18](#)



Electronic
Manufacture



Energy



Fire Fighting

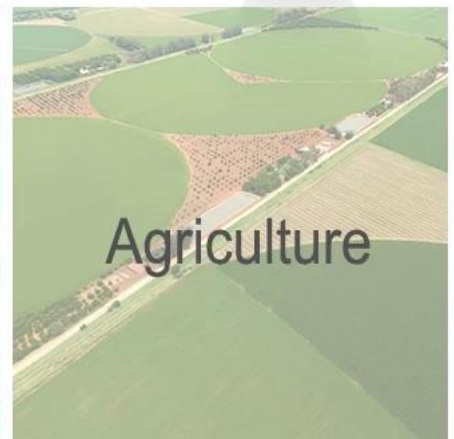
Thermal Imaging Camera

The following major functions increase the product's accuracy and usability:

- 1, The adjustable radiation coefficient increases the measurement accuracy of half reflection surface.
- 2, The thermal point and cold point temperature mark may guide the users to the area with highest or lowest temperature of thermal image.
- 3, The selectable color palette.



Nedical
Treatment

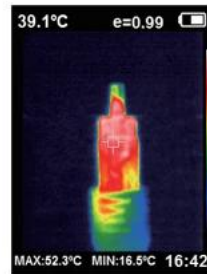


Agriculture

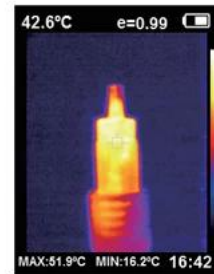


Color Palette

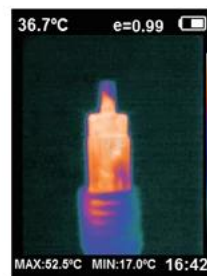
The following is the image of the same object with selection of different color palettes.



Rainbow



Iron oxide red



Cold color



Black & white



White & black

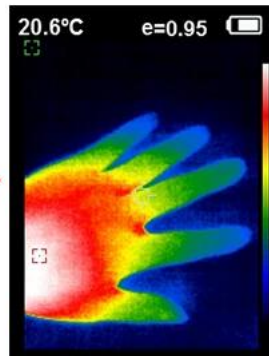


Visible light camera

Thermal Imaging Camera



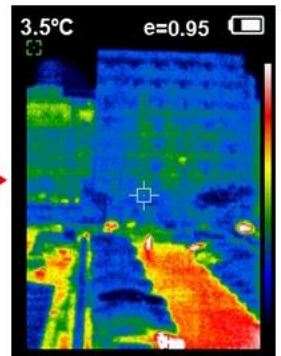
Visible Light Image
Of Palm



Infrared Image Of Palm

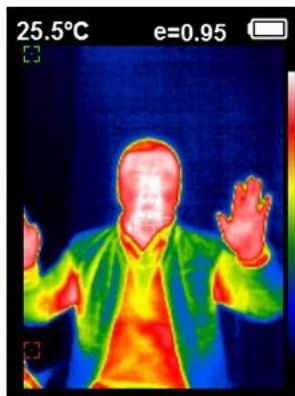


Visible Light Image In
Industrial Park



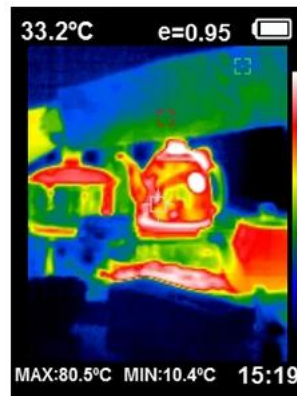
Infrared Image In
Industrial Park

1



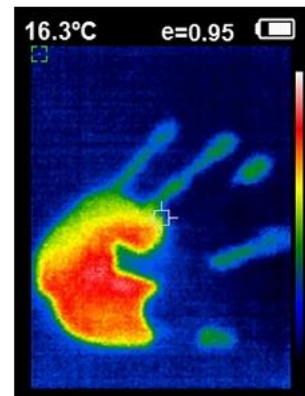
Infrared Image Of
Human Body

2



Infrared Image Of
thermos

3



IR image of hand
temperature

The Mini USB Cable will help you to transfer the taked pictures via PC easily from our [Thermal Imaging Camera](#)

The taken pictures can be transferred to computer via USB cable

In order to increase the differentiation degree, the product is provided with a visual camera. Both thermal images and full vision images can be stored in the detachable memory card. The image may be called or stored in PC to generate a report and print



● APPLICATIONS

XEAST®

The complete and gift packing will help you to measure easily from our [handheld thermal imager HT-18](#)



● TERMS OF TRADE

XEAST®

1). Terms of Payment:

We accept T/T, L/C, Paypal, MoneyGram and Western Union.
30% deposit and other 70% balance before shipment.

2). Terms of Shipping:

It depends on clients order quantity and your special request. We often adopt Express (DHL, TNT, UPS, FEDEX, EMS, SPSR, 139 express and so on), LCL, FCL

Items will be carefully checked before shipment, and we will update the delivery status timely after the goods are sent out.



SALES TEAM



XEAST®
Your Testing Partner



WOKRSHOP

