

SPECIFICATION



SPECIFICATION	UTi85H+
Sensor	Uncooled focal plane array
Temperature range	30°C-45°C
Resolution	0.1°C
Accuracy	±0.5°C (@ 25°C ambient temperature)
Optimal measuring distance	1m
Temperature measurement response time	≤500ms (95% of reading)
Thermal resolution	4800 (80×60)
Pixel dimensions	17μm
Palettes	white hot, red hot, ice blue, rainbow, iron
Bandwidth of infrared spectroscopy	8-14μm
Field of view (FOV)	51° (H) × 38° (V)
Instantaneous field of view (IFOV)	11mrad
Thermal imaging sensitivity	<150mk
Frame rate	<9Hz
Temperature display	Center temperature measurement and high temperature tracking (default)
Image format	BMP
Image mode	Thermal image
Display resolution	320×240
PC analysis software (PC)	√
Data communication	Type-C USB
Auto power off	Selectable (5min, 10min, 30min), 30min auto power off (default)
Battery life	≥6 hours
Charging time	4 hours
Image storage	Micro SD card
GENERAL CHARACTERISTICS	
Power	A single Li-ion 3.7V/5000mAh 26650 battery
Display	2.8" TFT LCD
Product color	Red + grey
Product size	236mm x 75.5mm x 86mm
Standard accessories	Manual, Type-C USB cable, 16GB TF card
Standard carton gross weight	2.2kg

PRODUCT PICTURES





Large capacity battery

Large capacity Li-ion 3.6V / 5000mAh, 26650 single battery, working time is not less than 6 hours, escort for your continuous work

5000mAh



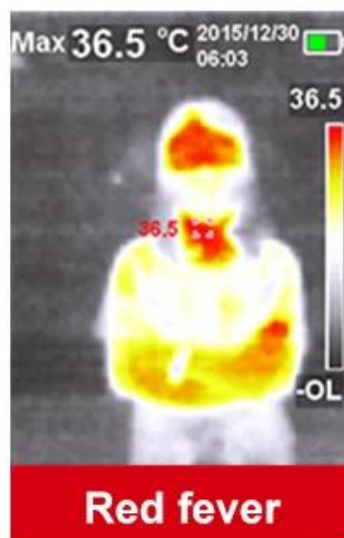
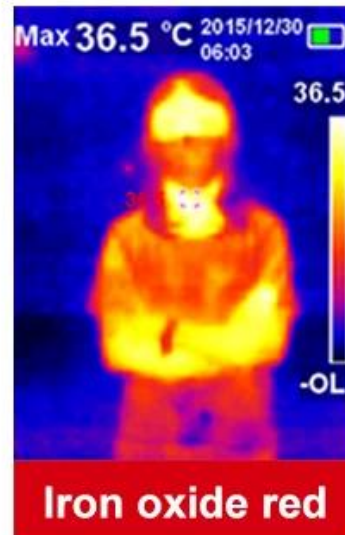
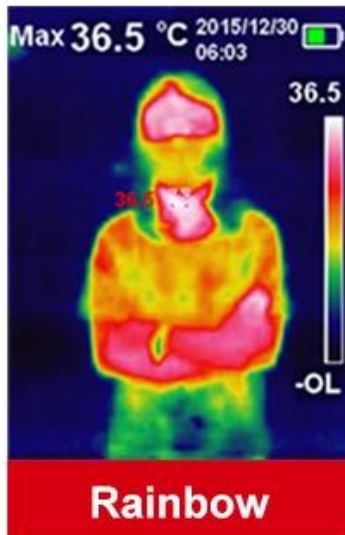
Type-C USB

Type-C USB plug in front and back, connect PC analysis software and charging function, convenient and fast

This device supports 5V / 2A power adapter charging

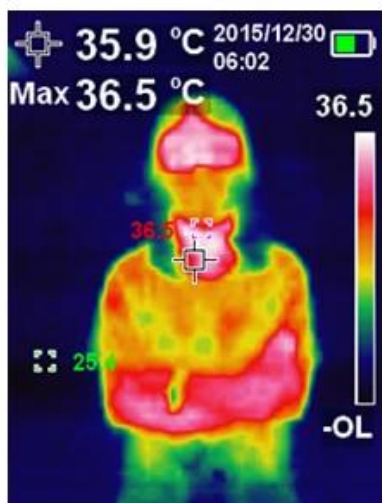
5 palette style choices

Five colors: iron red, rainbow, white hot, red hot, ice blue, high contrast rainbow, used to select the infrared image mode captured



High and low temperature automatic tracking

Center point temperature measurement, high and low temperature automatic tracking and real-time temperature display



Center point marking and full-screen automatic tracking of high and low temperature, while displaying temperature



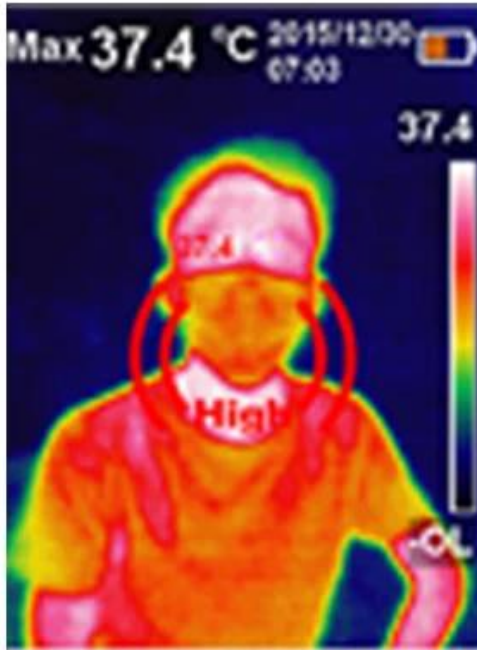
Self-adjusting emissivity and responding to temperature compensation and correction in different environments and places



The temperature limit function of high temperature alarm and low temperature alarm can be set according to the actual application scenario

High temperature sound + LED flashing alarm

The high temperature alarm value can be customized to be set to 37.2 °C. For the temperature value \geq 37.2 °C, it will flash a light prompt, the screen high temperature alarm prompt, the over temperature picture is automatically saved, and the custom limit alarm (LED flashing / screen symbol display / built-in) Buzzer sound alarm), can effectively help quickly screen fever personnel.



Buzzer alarm

The screen shows a high temperature prompt

● **PACKAGE INCLUDE**







Company Outlook



Sales Dept



Showroom



Company View



Manufacturing Line



Warehouse



Testing Machine



SMT Dept



Mold Insection Line



Team Building



Customer Visting