







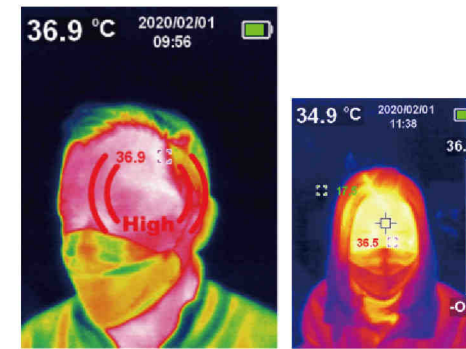


UTi85H+ THERMAL IMAGER

Temperature range: 30°C~45°C



-  High/low temperatures measurement
-  Real-time image transmission
-  Alarm buzzer
-  Region of interest mode (ROI)
-  Storage card
-  High temperature alarm
-  Flashlight
-  Type-C USB port for charging and data transmission



HI/LO Temperature Alarm: Central point temperature measurement, high/low temperature auto tracking and real-time temperature display.



Alarm buzzer:
>37.2°C: high temperature audible alarm



Real-time image transmission:
Set the USB mode to USB camera, connect the USB cable to the computer to mirror the computer software by real-time image transmission.

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