UTi165H

THERMAL IMAGER

Temperature range: 30°C~45°C
Accuracy: ±0.5°C

CE RoHS

UFPA sensor	High/low temperatures measurement	High image resolution	Adjustable emissivity	Storage card	
30°C ~ 45°C	160 × 120	High temperature alarm	Type-C USB port for charging and data transmission	Flashlight	
Temperature range	Thermal resolution				
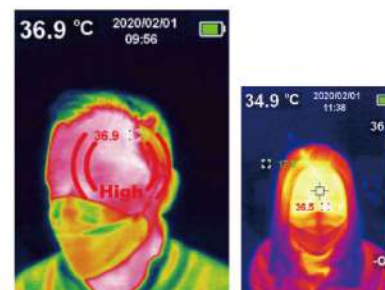
HI/LO Temperature Alarm: Central point temperature measurement, high/low temperature auto tracking and real-time temperature display.

PC software for image analysis: Supports SD card and USB import; with powerful image processing capability.

SPECIFICATION	UTi165H
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	19200 (160×120)
Pixel dimensions	12μm
Palettes	Black white, red white, blue white, iron red, rainbow
Bandwidth of infrared spectroscopy	8~14μm
Field of view (FOV)	56°(H) × 42°(V)
Instantaneous field of view (IFOV)	6mrad
Thermal imaging sensitivity	<50mk
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

Para mayor información puede consultar el manual de usuario dando clic en el siguiente enlace:https://cdn-shop.adafruit.com/product-files/4578/4578_UTi165H+English+manual.pdf