

UTi85/165/220/260 SERIES NEW

Thermal Imagers

UNI-T thermal imagers can quickly and effectively measure surface temperatures to identify elevated body temperature. These ergonomic devices can also be mounted on a tripod and set in public locations such as schools, shopping malls, and other high traffic areas. Some models can connect to a PC, display results on a large monitor in real-time, and automatically record data and image when high temperature is detected. These devices are only for early screening, and those with elevated body temperature should seek medical professionals for diagnosis.

- ROI
- Photograph function with SD card storage
- PC software analysis
- Real-time image transmission
- Visual camera (640 x 480) (UTi K series only)
- Type-C USB interface
- 1/4" tripod mounting hole



	UTi85H+	UTi165K	UTi220K	UTi260K
Certificates	CE, RoHS			
Temperature range	30°C~45°C			
Accuracy	±0.5°C (@ 25°C ambient temperature)			
Optimal measuring distance	1m			
Thermal resolution	4800 (80 x 60)	19200 (160 x 120)	30000 (200 x 150)	49152 (256 x 192)
Spatial resolution (IFOV)	51°(H) x 38°(V)	56°(H) x 42°(V)	35°(H) x 26°(V)	56°(H) x 42°(V)
Field of view (FOV)	11.1mrad	6.1mrad	3.1mrad	3.8mrad
Thermal imaging sensitivity	≤150mk	<50mk	<100mk	<60mk
Frame rate	≤9Hz	≤9Hz	≤9Hz	≤25Hz
Buzzer alarm	√		√	
Visual camera/image blending		√	Visual camera	√
Palettes	5	6	7	7
Real-time image transmission	√			
Temperature measurement response time	≤500ms (95% of reading)			
Resolution of visible camera	640 x 480			
Temperature display	BMP			
Image format	Center temperature measurement and high temperature tracking (default)			
Image modes	Thermal camera, visible camera, image blending			
Data communication	Selectable (5min, 10min, 30min), 30min auto power off (default)			
Auto power off	Type-C USB			
Battery life	≥6 hours			
Charging voltage/current	≤5 hours			
Charging time	5V/2A			
Image storage	16G Micro SD card			
Power	A single Li-ion 3.6V/5000mAh 26650 battery			
Display	2.8" TFT LCD			
Product net weight	Around 910g			
Product size	236mm x 75.5mm x 86mm			
Standard accessories	Manual, Type-C USB cable, 16GB TF card			
Standard quantity per carton	10pcs			
Standard carton measurement	610mm x 345mm x 305mm			
Standard carton gross weight	10.1kg			