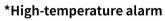


UNI-T_®

- ► Infrared resolution: 200×150
- ▶ Alarm buzzer
- ► Region of interest mode (ROI)
- ► Temperature range: 30°C~45°C
- ► Accuracy: ±0.5°C
- ▶ Photograph function with SD card storage
- ▶ PC software analysis
- ► Real-time image transmission
- ➤ Visual camera (640×480)
- ► Type-C USB interface
- ▶ 1/4" tripod mounting hole



The high temperature limit can be set, for example to 37.3°C . Then, temperatures $\geqslant 37.3^{\circ}\text{C}$ will trigger LED light, high temperature screen warning, and buzzer. If PC software is also connected, software will automatically record data and image when alarm is triggered.



UNI-T

UTi220K

Professional Thermal Imager





Real-time image transmission

Open Video mode software, connect USB cable to the computer for real-time image transmission.



SPECIFICATION	UTi220K
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	lm
Temperature measurement response time	≤500ms (95% of reading)
Thermal resolution	30000 (200×150)
Pixel dimemsions	12µm
Palettes	Iron red, rainbow, glowing white, glowing black, glowing red, lava, high-contrast rainbow
Bandwidth of infrared spectroscopy	8~14μm
Field of view (FOV)	$35^{\circ}(H) \times 26^{\circ}(V)$
nstantaneous field of view (IFOV)	3.1mrad
Thermal imaging sensitivity	<100mk
rame rate	<9Hz
Temperature display	Center temperature measurement and high temperature tracking (default)
mage format	BMP
mage modes	Thermal camera, visible camera, ROI
Temperature measuring point	Besides central point, 3 temperature measuring points can be added
/isual camera/Buzzer	\checkmark
Resolution of visible camera	640×480
Display resolution	320×240
PC analysis software	Auto record high temperature data and image
Real-time image transmission	Through PC software
Data communication	Type-C USB
Auto power off	Selectable (5min, 10min, 30min), 30min auto power off (default)
Battery life	≥6 hours
Charging time	≤5 hours
Charging voltage/current	5V/2A
mage storage	Micro SD card
GENERAL CHARACTERISTICS	
Power	A single Li-ion 3.7V/5000mAh 26650 battery
Display	2.8" TFT LCD

Red Standard Carton gross weight Red Standard Carton gross weight