

These series products are rugged, and ergonomically designed thermal imager with great performance. It adopts a UFPA detector to ensure excellent infrared resolution and a rich variety of palette modes. Some models have the functions of visual light, buzzer alarm, and real-time image transmission, which is convenient for various applications.

- 2.8" TFT screen
- Infrared resolution: 80 x 60 to 256 x 192
- Temperature measurement range: -15°C~550°C
- Photograph function with SD card storage
- PC analysis software
- Buzzer/flashlight alarm
- Real-time image transmission
- Auto capture of Hi/Low temperature
- Flashlight
- 1/4" tripod mounting hole
- IP65/2m drop proof



UTi165A

Models	UTi85A	UTi165A	UTi220B
Certificates	CE, UKCA	CE, UKCA	CE, UKCA
IR resolution	80x60 pixels	160x120 pixels	200x150 pixels
Screen display	2.8"LCD	2.8"LCD	2.8"LCD
Field of view (FOV)	51°x38°	56°x42°	35°x26°
Thermal sensitivity (NETD)	150mk	50mk	100mk
Spatial resolution (IFOV)	11.1mrad	6.1mrad	3.1mrad
Focus	Focus free	Focus free	Focus free
Frame rate	9Hz	9Hz	9Hz
Object temperature range	-10~400°C	-10~400°C	-10~400°C
Measurement accuracy	±2°C or ±2% whichever is greater	±2°C or ±2% whichever is greater	±2°C or ±2% whichever is greater
Battery	Li-ion battery (3.6V 5000mAh)	Li-ion battery (3.6V 5000mAh)	Li-ion battery (3.6V 5000mAh)
Battery operating time	≥6 hours	≥6 hours	≥6 hours
Functions			
Palettes	5	5	7
Measurement presets			Point 3
Digital camera			640 x 480
Image fusion / PIP			Image fusion
Image capture	√	√	√
LED	√	√	√
ROI (eliminates interference)	√		√
Auto tracking for Lo / Hi temperature	√	√	√
Alarm	√	√	√
Storage	16G Micro SD Card	16G Micro SD Card	16G Micro SD Card
PC software	Analysis, Realtime display	Analysis	Analysis, Realtime display
Protection	IP65/2m	IP65/2m	IP65/2m
Communication interface	Type-C	Type-C	Type-C