

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
<b>Certificates</b>	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
<b>Functions</b>			
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