



UTi120B

Echo Thermal Imager

UTi120B is 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. It has the functions of visual light, buzzer alarm, and real-time image transmission, which is convenient for various applications.

- 2.8" TFT screen
- IR resolution: 120 x 90 pixels
- Display modes: Thermal, Visual Image, Fusion
- Photograph function with SD card
- Buzzer/Flashlight alarm
- Real-time image transmission
- Auto capture of Hi/Lo temperature
- IP65/2m drop proof

Technical Data

IR resolution (Pixels)	120×90
Display	2.8" TFT LCD (320x240)
Field of view(FOV)	50°×38°
Thermal sensitivity(NETD)	≤60mK
Spatial resolution(IFOV)	7.3mrad
Frame rate	≤25Hz
Focus	Focus Free
Temperature measurement range	-20°C~400°C
Accuracy	±2°C or ±2% whichever is greater
Functions	
Color palettes	White hot, Black hot, Red hot, Ironbow, Rainbow
Image modes	Thermal, Visual image, Fusion
Digital camera resolution	640×480
Hi/Lo temperature alarm	Icon, LED flashlight, Buzzer
General Characteristics	
Battery	Fixed Li-ion battery (3.6V 5000mAh)
Battery operation time	≥6 hours
USB	Type-C
IP rating	IP65
Drop proof	2m
Storage	Up to 32GB Micro SD card
Certificates	CE, FCC, RoHS
Languages	ZH, EN
Product net weight	490g
Product size	236mm×75.5mm×86mm
Standard accessories	Micro SD card, Type-C USB cable, English manual, Documents download operation guide card