

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
- Buzzer/Flashlight alarm
- Real-time image transmission
- Auto capture of Hi/Lo temperature
- IP65/2m drop proof

Technical Data	
Display	2.8" TFT (320×240)
IR resolution(Pixels)	120×90
Spectral range	8~14μm
Pixel size	17μm
Frame rate	≤25Hz
Thermal sensitivity(NETD)	≤60mK
Focus	Focus Free
Field of view(FOV)	50°(H) × 38°(V)
Spatial resolution(IFOV)	7.3mrad
Temperature measurement range	-20°C~400°C
Accuracy	±2°C or ±2% whichever is greater
Functions	
Color palette	White Hot, Black Hot, Red Hot, Ironbow, Rainbow
Image mode	Thermal, Visual image, Fusion
HI/LO temperature alarm	LCD animation, LED flashlight, Buzzer
HI/LO temperature tracking	√
Digital camera resolution	640×480
LED lighting	√
Analysis software	PC
General Characteristics	
Battery	5000mAh rechargeable Li-ion battery
Operating time	≥6 hours
USB	Type-C
Image	BMP
Protection	IP65 & 2m drop proof
Certificates	CE, FCC, RoHS
Languages	ZH, EN
Weight	490g
Dimension	236mm×75.5mm×86mm
Packing Details	
Standard accessories	Type-C USB cable, English Manual, Documents Download Operation Guide
Standard individual packing	Gift box
Standard Qty per carton	10pcs
Standard carton size	500mm×315mm×295mm
Standard carton G.W.	10.1kg