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UTi220B

Echo Thermal Imager

UTi220B 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 display screen
- Infrared resolution: 300000 pixels
- Temperature measurement range: -10°C~400°C
- Buzzer/Flashlight alert
- Auto capturing for Hi/Lo temperature
- Multiple palette modes
- Protection: IP65, 2m drop proof

Technical Data	
IR resolution (Pixels)	200x150
Display	2.8" TFT LCD (320x240)
Field of view(FOV)	35°×26°
Thermal sensitivity(NETD)	≤100mk
Spatial resolution(IFOV)	3.1mrad
Frame rate	≤9Hz
Focus	Focus Free
Temperature measurement range	-10°C~400°C
Accuracy	±2°C or ±2% whichever is greater
Emissivity	0.01~1.00 adjustable (0.95 default)
Functions	
Color palettes	Ironbow, White hot, Black hot, Tyrian, Amber, Cool, Rainbow
Image modes	Thermal,Visual image,Fusion
On screen analyzer	3 Points
Digital camera resolution	640×480
Auto tracking for Hi/Lo temperature	√
Hi/Lo temperature alarm	Icon animation, Flashlight, Buzzer
LED flashlight	√
PC software analysis	Analysis, report generation
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
Image/Video storage format	BMP
Certificates	CE,FCC,RoHS
Product net weight	490g
Product size	236mm×75.5mm×86mm