

PC230 Tool-Like Thermal Camera

Capture Every Detail at 10m



Introduction

Featuring one-button autofocus and the longer measurement distance, PC 230 can be used under more scenes with 256x192 IR Detector and 2M pixels for visible light. Utilizing the New SharpIR composite image enhancement technology, it can provide you with detailed infrared thermal imaging and dual-light fusion images to help you find potential faults more quickly.

Features and Benefits

- 256x192 infrared module with excellent imaging quality
- Autofocus and measured at 0.5m to 10m
- 16H operating time and 2.5H fast charge
- Turn on in 1 second and full-frame temperature measurement
- IP54 Protection Rating and resistant to 2 meters drop
- 4 Color Palettes to display the temperature
- Wide temperature measurement range up to 550°C
- Type C interface, convenient for data transfer and PC screen projection

Application

- Building Diagnostics
- HVAC Inspection
- Facilities maintenance
- Electrical Application



Specifications

Model	PC230
Imaging and optics	
Detector type	VOx
Infrared resolution	256 × 192@12μm
Wavelength range	7.5 to 14μm
Focal length	7 mm
Field of view	25° × 19°
Minimum object distance	0.5 m
D:S	130:1
NETD	≤50 mK
Infrared frame rate	25 Hz / 9 Hz
Focusing mode	Focus-Automatic
Measurement and analysis	
Measurement range	Support auto-switching: -20°C to 150°C, 100°C to 550°C
Measurement accuracy	±2°C or ±2%, whichever is greater
Analyzed target	Center spot and 3 areas
Tracking / Alarm	Full screen maximum/minimum temperature tracking; The maximum or minimum temperature tracking of analyzed target; full screen temperature threshold alarm (image and flash)
Temperature measuring parameters	Emissivity, reflected temperature, target distance
Image display	
Display screen	2.4" LCD
Digital camera	2 MP
Image mode	IR, VIS, MIF and PIP
Image adjustment	Automatic, semi-automatic, manual
Color palettes	Iron Red, White Hot, Arctic, Rainbow 2, Hot Iron, Rainbow 1
Storage and transmission	
Storage media	TF card (32 GB)
Image storage format	JPG with temp info
External interface	TYPE-C, TF card slot, UNC ¼"-20 (tripod mounting)
Laser	645~655nm, Class 2 Laser, < 1mW, only indicating the measured target
Power system	
Battery type	Rechargeable lithium-ion battery, non-removable
Battery working time	≥16 hours
Power management	Timed shutdown and sleep mode
Charging mode	TYPE-C charging; PC/portable charger; Capable of charging while using
Charging time	90% of full charge in 2.5 hours
Environmental parameters	
Working temperature	-15°C to 50°C
Storage temperature	-40°C to 70°C
IP rating	IP54
Drop	2m drop test
Certification	CE, FCC, ROHS, KCC, IP54, 2m drop test, Damp heat test, Vibration test, Shock test, Impact test, UN38.3, MSDS
Physical parameters	
Weight	≤375 g
Size (L × W × H)	194 × 61.5 × 76 mm
Software kit	ThermoTools
Standard	A device, Wrist strap, Quick Start Guide, Power adapter, Adapter plug, Type-C USB cable, Data download card, TF card (32 GB), Certificate of approval
Options	Tripod

