



Easy, Efficient, Extraordinary

EasIR Series

Tool-like Thermal camera

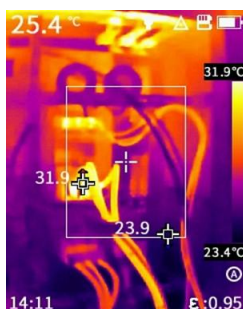
Introduction

EasIR Series tool-like thermal camera offer multiple configuration options. It adopts the new real-time IR-Perfclear technology to enhance the details and reduce noise of the image and present a clearer image in real time. New 3.5-inch screen model: 650° C extended temperature range, 30Hz frame rate, better for industrial inspection. Equipped with a series of professional functions such as 2MP visible light camera, video streaming and recording, WIFI, and OTA upgrade, etc., EasIR Series brings a clearer, more powerful and smoother work experience for users.

Features

- High-sensitive infrared detector, resolution 120x90/256x192/384x288
- Real-time IR-Perfclear technology, 4 times better image quality
- -20°C~550°C wide temperature measurement range, automatic switch
- Video streaming, real-time data transmission with PC analysis software
- OTA firmware upgrade to keep the device up-to-date
- The new model features a 3.5-inch display and supports fast charging.

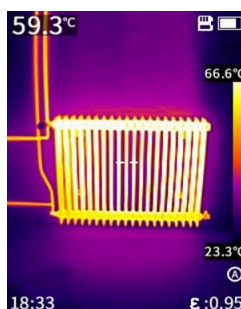
Applications



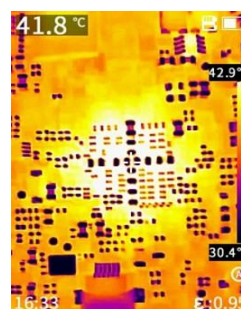
Electrical Application



Facilities maintenance



HVAC Inspection



PCBA detection

Specifications



Product model	E1	E1+	E2	E2+	E3	E4
Imaging and optics						
Detector type	VOx, 7.5 to 14μm					
Infrared resolution	120×90@17μm		256×192@12μm			384×288@12μm
Super resolution	Yes, Upgrade to 240×180		Yes, Upgrade to 512×384			Yes, Upgrade to 768×576
NETD	60mK		45mK		30mK	25mK
Frame rate	25Hz/9Hz				30Hz/9Hz	
Focal length	2.28mm		3.2mm	7mm	3.2mm	7mm
Field of view	50°×38°		56°×48°	25°×19°	56°×42°	37°×28°
IFOV	7.46mrad		3.75mrad	1.71mrad	3.75mrad	1.71mrad
Min. object distance	0.1m				0.3m	
D:S	130:1		266:1	585:1	266:1	583:1
Focusing mode	Focus-free			Automatic	Focus-free	
Measurement and analysis						
Measurement range	Support auto-switching: -20°C to 150°C, 0°C to 550°C					Support auto-switching: -20°C to 150°C, 0°C to 650°C
Measurement accuracy	±2°C or ±2%, whichever is greater					
Analyzed target	Center spot; Three Fixed Areas: Small, Medium, Large (Alternative)					
Alarm	Full screen temperature threshold alarm (image and flash)					
Image display						
Display screen	2.4" LCD				3.5" LCD , 640×480	
Image mode	IR, VIS, MIF, PIP					
Color palettes	6: Iron Red, White Hot, Arctic, Rainbow 2, Hot Iron, Rainbow 1					
Image adjustment	Level span mode: Automatic, Semi-automatic, Manual					
Digital camera	2MP					
Functions						
Laser	Laser Indication					
Recording function	Photo and Video					
Storage and transmission						
Storage media	Built-in (16 GB)				Built-in (32 GB)	
Image storage	JPG with temp info					
Video storage	Video storage format in Irgd (with temp info)	Supports real-time video streaming, video storage format in Irgd (with temp info)				
External interface	USB-C, Tripod socket					
WIFI	/	Yes, it can be connected to the mobile terminal for image and real-time video transmission				
Power system						
Battery type	Rechargeable lithium-ion battery, non-removable					
Operating time	8 hours		11 hours		12 hours	10 hours
Environmental parameters						
Working temperature	-15°C to 50°C					
IP rating	IP54					
Drop	2m drop test					
Physical parameters						
Hardware	Illuminator					
Weight	355g		375g		450g	460g
Size	194×61.5×76mm				228×81×77.5mm	
Software kit	PC: ThermoTools	PC: ThermoTools; Mobile: Thermography (iOS/Android)				
Standard	A device, Carrying bag (Only E3/E4 have) , Wrist strap, Power adapter, Adapter plug, USB-A to USB-C cable, Data download card, Quick Start Guide, Warranty card					
Options	Macro lenses (10x/5x), Tripod					

* Product performance is based on testing in a controlled laboratory environment. Your test results may vary due to several external and environmental factors.
All specifications are subject to the actual product. The manufacturer reserves the right to modify technical specifications without notice or liability to you.