

3.5-inch super large screen, extra long battery life for peace of mind

EasIR Max Series Tool-like Thermal camera

EasIR Max Series offers high-resolution detectors (256×192 or 384×288) for precise capture of minute temperature variations. Featuring IR-Perfclear technology, it optimizes image details and reduces noise in real time, delivering exceptionally clear thermal imaging. The device is equipped with a 3.5-inch bright HD display and a 2 MP visible-light camera, supporting both synchronous display or image fusion of thermal and visible-light. Enhanced with smart capabilities including live video streaming, recording, Wi-Fi connectivity, and OTA upgrades, it significantly boosts work efficiency.

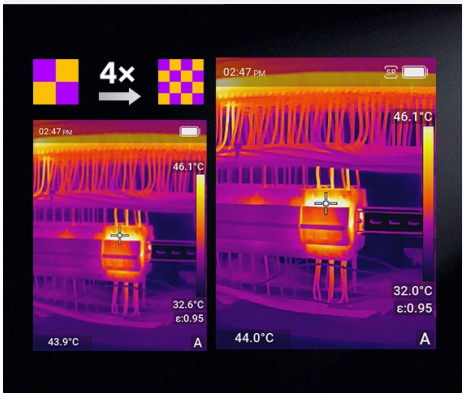
3.5-inch large screen

The 3.5-inch screen not only provides a broader field of view and clearer detail presentation, but also offers a more comfortable visual experience and a more intuitive operation feel.



4x Super-resolution

Based on advanced deep learning technology, low-resolution images are achieved a 4X enhancement in image quality through various optimizations including defogging, sharpening, contrast enhancement, and lossless enlargemen.



12 hour battery life

With 12-hour battery life, our thermal imager meets long-duration needs and highlights our advanced battery and low-power design.





Fast charging
Charges to 90% in 1 Hour



OTA



Macro



Measuring range
-20~650°C

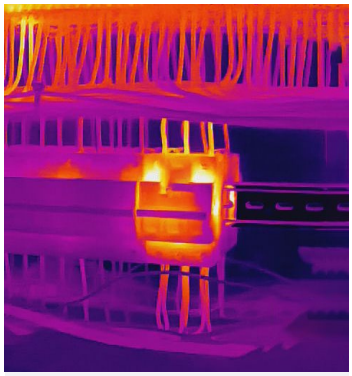


30Hz

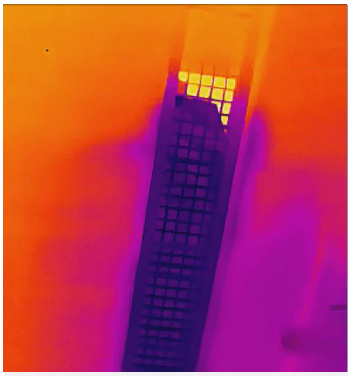


15mK

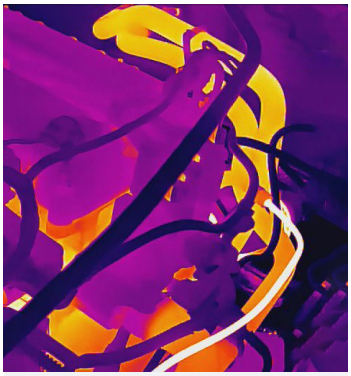
Applications



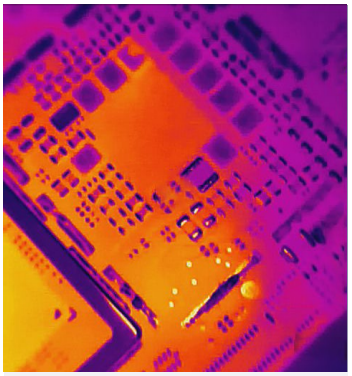
Electrical



Air-conditioning



Auto Repair



PCB

Package

Standard



Device



Carrying Bag



Fast Charging Adapter



One Plug (type specified at time of order)



USB-C to USB-C Cable



Wrist Strap



Quick Start Guide And Warranty Card

Optional





Macro lenses (10x/5x)

Specifications

Model		E3S	E4S
Imaging and Optics	IR Resolution	256×192	384×288
	Super Resolution	Upgrade to 512×384	Upgrade to 768×576
	NETD	≤15mK (@30°C)	
	Image Frequency	30Hz/9Hz	
	Field of View (FOV)	56°×42°	38°×28°
	Focus Mode	Focus Free	
Image Display	Visual Camera	1600 × 1200 (2 MP)	
	Image Modes	Thermal/Visual/MIF/PIP	
	Display	640×480 Resolution, 3.5"LCD Screen	
Measurement and Analysis	Object Temperature Range	-20°C to 150°C, 0°C to 550°C, Support auto-switching	-20°C to 150°C, 0°C to 650°C, Support auto-switching
	Accuracy	±2°C or 2%, whichever is greater (23°C ± 5°C ambient)	
Data Storage and Communication	Storage Media	Built-in 32GB flash memory	
	File Format	Radiometric JPEG	
General	Durability	2m (6.56 ft) drop test, IP54	
	Wi-Fi	802.11 b/g/n (2.4GHz)	
	System upgrade	OTA	
	USB-Type C	Charging and transmission	
	Led Flashlight	Yes	
	Laser Pointer	Yes	
	Battery Operating Time	≥12 hours	≥10 hours
	Battery Type& Charging Time	Fast-charging, Lithium-ion battery, Charges to 90% in 1 hour	

Software

PC Software – ThermoTools
(Windows)

Mobile App –FocusIR
(Android/iOS)

* 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.