

E SERIES

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

3.5-inch large screen

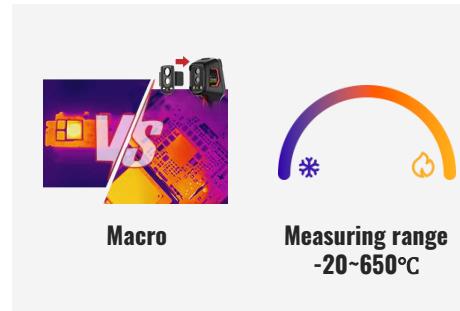
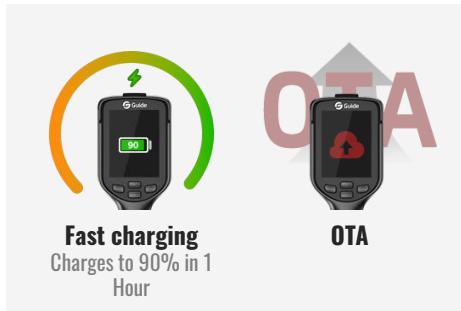
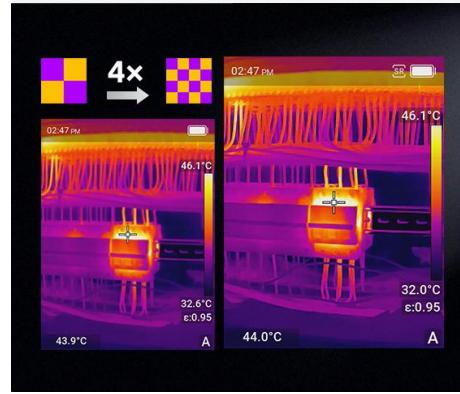
The 3.5-inch screen not only provides a broader field of view and clearer detail presentation, but also offers a more comfortable visual experience and a more intuitive operation feel.

SuperIR

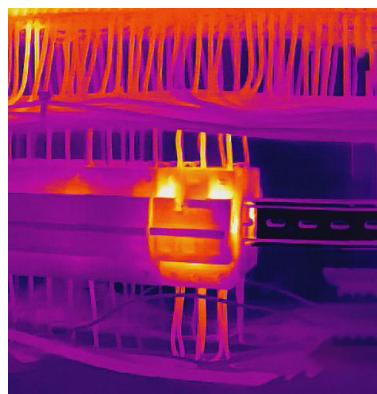
Based on advanced deep learning technology, low-resolution images are achieved a 4X enhancement in image quality through various optimizations including defogging, sharpening, contrast enhancement, and lossless enlargement.

12 hour battery life

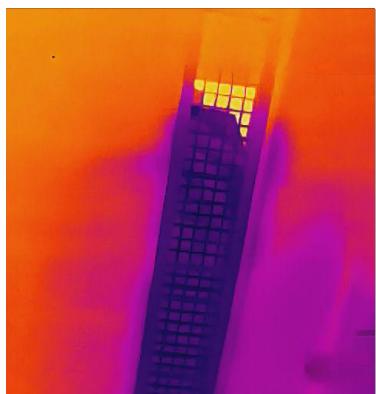
With 12-hour battery life, our thermal imager meets long-duration needs and highlights our advanced battery and low-power design.



Applications



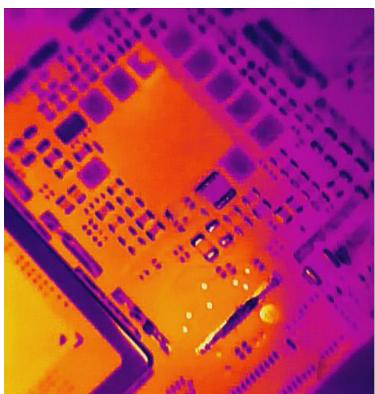
Electrical



Air-conditioning



Auto Repair



PCB

Standard Package

							<ul style="list-style-type: none">Quick Start GuideInspection ReportCalibration Certificate
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Specifications

Model		E3S
Imaging and Optics	IR Resolution	256*192
	SuperIR	Yes, on captured images and live view
	NETD	<15mK
	Image Frequency	30Hz/9Hz
	Field of View (FOV)	56°x42°
	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
	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
	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)