

256x192 Resolution Next gen Handheld Thermal Imaging Camera At Affordable Price

S295 Handheld Thermal Camera is a lightweight portable unit making it ideal for electrical, HVAC, industrial and preventive maintenance inspections.

1 High-Resolution Thermal Imaging, Powered by Real-Time AI Super-Resolution

The device features a **256 × 192 thermal resolution**, enhanced to 512 × 384 through **real-time AI super-resolution technology**, delivering sharper and more detailed thermal imagery. With an NETD as low as 40 mK, it can accurately detect even the most minute temperature differences, ensuring high sensitivity and precision. The system is complemented by a **3.5-inch high-resolution display**, which presents thermal images with exceptional clarity and detail for reliable observation and analysis.



Large 3.5" color HD screen

Easy to use feather touch buttons



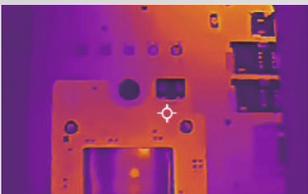
2 Fully Upgraded User Experience

The S295 supports **18 W quick charging**, ensuring reliable and uninterrupted performance during intensive operations. In addition, **built-in Wi-Fi and UVC image transmission** are available enabling faster, seamless and wireless image sharing for improved workflow efficiency.

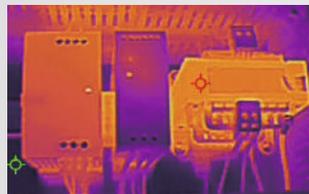
3 Software+ : Complete Software PC Client and App

The S295 is equipped with a professional mobile and PC temperature analysis platform, enabling comprehensive data review and supporting advanced secondary analysis for more accurate diagnostics and reporting.

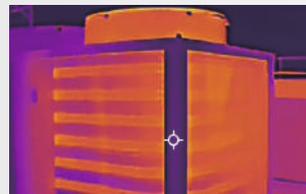
Application Fields :



Circuit Maintenance



Power Maintenance



HVAC Leak Detection



Equipment Maintenance

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Specifications :

Model	S295
Detector Type	Vox Uncooled infrared FPA detector
Detector Resolution	256X192
Spectral Band	7.5-14μm
Pixel Size	12μm
Thermal Sensitivity (NETD)	<40mK
Frame Rate (in Hz)	25
Focal Length (in mm)	3.2
FOV	56°X42°
(IFOV)	3.8 mrad
Focusing Mode	Fixed Focus
Minimum Imaging Distance	0.3m
Measurement Range	Low temperature range: -20°~150° C; high temperature range:100°~550° C; auto switching
Measurement Accuracy	±2% or ±2°C
Measurement Resolution	0.1°C
Measurement Mode	Center/Max/Min temperature points, 3 customizable points and temperature difference measurement
Measurement Unit	Centigrade, Fahrenheit, Kelvin
Image Mode	Infrared
Palettes	7
Alarm Mode/Temperature Alarm	Support full-frame highest/lowest temperature alarm; automatic image capture at alarm time
Visible Camera Resolution	2 MP
Digital Zoom	2x, 4x
Display Screen Size (inch), Resolution	3.5-inch, 480x640
Data Storage	32GB Internal Memory
Battery	Built-in rechargeable lithium-ion battery
Power Supply	USB Type-C
Connection Type	USB, Wi-Fi
Battery Operating Time	About 6h
Charging Time	About 4h
Power Management	Adjustable (Automatic shutdown, 5 min, 10 min, 20 min, 120 min)
Analysis Software	PC (Infrared Analysis Software) or Mobile (iOS/ Android APP)
Operating Temperature RH %	-10°C ~ +50°C 10% ~ 95% (non-condensing)
Storage Temperature	-20°C ~ +60°C
Dimensions (LxWxH) Weight	246×101×85mm 500 grams
Product Supply Includes	USB cable, user manual, charger, portable bag