

IX2 AIR Pro

Wireless Thermal Camera for Smart Devices

IX2 AIR Pro new wireless thermal camera for smartphones is compatible with Android and iOS devices, enabling wireless image transmission up to 30m away. With the 256×192 thermal imaging resolution, it can achieve four times the AI real-time super-resolution up to 512×384. With the 7mm adjustable focus lens, it is capable of close-range HD imaging. AI Raya voice interaction enables quick parameter setting. It is suitable for industrial scenarios such as circuit board maintenance, electrical maintenance, equipment inspection and HVAC leak detection to efficiently locate thermal hazards.



Product Highlights

Wireless measurement, smart portable thermal camera

- 7mm manual focus lens
- 30m wireless image transmission, with a delay of less than 300ms
- AI voice assistant bringing about a thermal camera that understands needs



High-definition thermal image, full-powered AI real-time super-resolution

- 256×192 resolution, AI real-time super-resolution up to 512×384
- NETD as low as 40mK, real-time display of high-definition thermal images
- 25Hz frame rate, clearer subtle hot spots
- Wide measurement range from -20°C to 550°C



Software+: complete software ecosystem

- Equipped with a professional mobile/PC temperature analysis platform, it supporting secondary analysis



Specifications

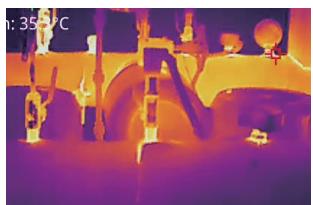
IX2 AIR Pro

Thermal Imaging	
Detector Type	Uncooled infrared detector
Infrared Resolution	256×192
Super Resolution	512×384
Pixel Size	12μm
Spectral Band	7.5-14μm
Thermal Sensitivity (NETD)	40mK
Frame Rate	25Hz
Focal Length	7mm
Field of View (FOV)	25°×19°
Spatial Resolution (IFOV)	1.71mrad
Focus Mode	Manual focusing
Minimum Imaging Distance	0.1m
Measurement Range	-20°C~+550°C
Measurement Accuracy	±2°C or ±2% of readings (whichever is greater)
Image Display	
Visible Light Camera	2 megapixels
Digital Zoom	1×/2×/4×
Palette	10
Image Mode	Infrared, visible light, PIP, dual-spectrum fusion
Temperature Scale	Auto/manual
Measurement and Analysis	
Analysis Functions on Device End	Up to 3 movable points, lines, and frames; up to 3 preset templates
Analysis Report	PDF format, supporting APP-side report generation
Supporting Software	PC (infrared analysis software) or mobile device (iOS/Android APP)
Image Storage	
Storage Medium	Images stored in the APP by default and downloadable to a local album
Video Functions	
Non-radiometric Infrared or Visible Light Video Recording	Standard MP4
Radiometric Infrared Video Stream Transmission	TYPE-C connection to PC, for real-time transmission of radiometric infrared video streams
Video Resolution	512×384
System Functions	
Communication Protocol	Wi-Fi, Bluetooth, USB
Voice Control	Voice assistant with quick command recognition
Others	
Battery	Built-in 1050mAh lithium-ion battery
Charging Mode	USB Type-C direct charging
Battery Life	About 2h
External Interface	USB Type-C
Tripod Socket	UNC 1/4-20 interface for the tripod
Operating Temperature	-10°C~+50°C
Operating Humidity	10%~95% (non-condensing)
Storage Temperature	-20°C~+60°C
Ingress Protection Rating	IP54
Shock and Vibration	Shock: 25g (IEC 60068-2-27); Vibration: 2.5g (IEC60068-2-6)
Weight and Dimensions	About 142g, 136.2×41×29.3mm
Certificates	CE/FCC/ROHS/SRRC/DGM/CMA
Package Contents	Thermal camera, Type-C cable, quick start guide, calibration certificate, certificate of conformity, portable bag

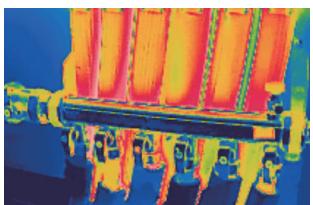
Application Fields



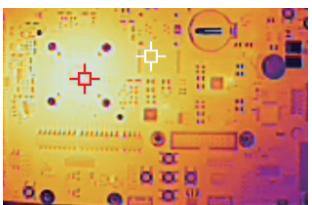
Electrical Maintenance



Equipment Inspection



HVAC Leak Detection



Circuit Board Maintenance

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*The information is for illustrative purposes only. The pictures and technical specifications are subject to change without notice. Sample No.: G2025-IX2 AIR Pro-2P001