

GUIDE

Transform your smartphone into a thermal camera

MobIR Air Thermal Camera for Smartphone

Introduction

MobIR Air transforms the smartphone into a thermal camera. When connect it to a smartphone, the MobIR Air allows you to see the world which is invisible with your eyes. It can find and fix the HVAC issues quickly and accurately, detect building problems effectively and safely, test the electrical faults and it can be also used for patrol at night.

Features



Plug and play
easy to use



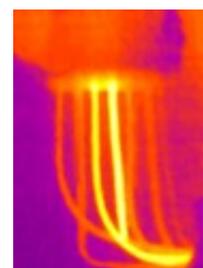
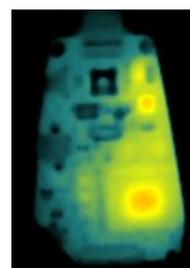
High frame rate
no image stuck



Tiny and
convenient



Low running power
no battery required





Specifications

Product model	MobIR Air
Infrared detector	
Detector type	VOx
Infrared resolution	120 × 90@17 μm
Wavelength range	7.5 to 14 μm
Frame rate	25 Hz
Lens	
Focal length	2.3mm
Field of view	50°
Focusing mode	Focus free
Temperature measurement	
Measurement range	-20°C to 120°C
Measurement accuracy	±5°C
Measurement	Spot, line, area
APP Functions	
Photo	Available
Video	Available
Color palettes	9 and 1 customized
Instant sharing	Images, videos
Power system	
Power supply	iOS: 2.5 V to 4.8 V; Android: 4.5 V to 5.5 V
Power consumption	150 mW
Environmental parameters	
Working temperature	0°C to 40°C
IP rating	IP43
Drop	1m drop test (without the interface)
Certification	CE, FCC, RoHS
Physical parameters	
External interface	iOS: Lightning; Android: USB Type-C
Weight	≤20 g
Size (L × W × H)	50 × 14 × 18 mm
Color	Silver/Grey/Gold
Standard	A device, Carrying box, Wrist strap, User manual, Certificate of approval



For Traveling

- Find Hidden Camera

To protect your privacy while traveling



For Home

- HVAC Inspection
- Water Pipe Leak Detection
- Electrical Cabinet Inspection



For Work

- Electrical Board
- Computer Over-heat Detection
- Electronic Product Over-heat Test