



# 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



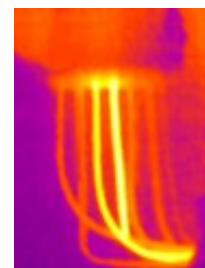
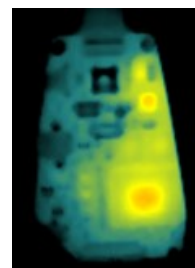
High frame rate  
no image stuck



Tiny and  
convenient



Low running power  
no battery required





## Specifications

Product model	MobIR Air
<b>Infrared detector</b>	
Detector type	VOx
Infrared resolution	120 × 90@17 μm
Wavelength range	7.5 to 14 μm
Frame rate	25 Hz
<b>Lens</b>	
Focal length	2.3mm
Field of view	50°
Focusing mode	Focus free
<b>Temperature measurement</b>	
Measurement range	-20°C to 120°C
Measurement accuracy	±5°C
Measurement	Spot, line, area
<b>APP Functions</b>	
Photo	Available
Video	Available
Color palettes	9 and 1 customized
Instant sharing	Images, videos
<b>Power system</b>	
Power supply	iOS: 2.5 V to 4.8 V; Android: 4.5 V to 5.5 V
Power consumption	150 mW
<b>Environmental parameters</b>	
Working temperature	0°C to 40°C
IP rating	IP43
Drop	1m drop test (without the interface)
Certification	CE, FCC, RoHS
<b>Physical parameters</b>	
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