

# INFRARED THERMAL IMAGING CAMERA FOR MOBILE PHONES

## PART NO. 0242-MS550

**IP54**  
WATERPROOF

**DATA**  
OUTPUT

- Suitable for electrical industry, construction, mechanical industry, HVAC, etc.
- Support multiple installation methods including clamping, magnetic mounting, wall mounting, and tripod mounting
- Feature a split design that enables easy inspection of hard-to-reach areas from any angle or position
- Support Wi-Fi for real-time image and data transmission
- Mobile apps (Android and iOS) are included

### SPECIFICATION

Infrared image	detector type	unrefrigerated detector, .0003"~.0006"
	infrared resolution	256×192
	super resolution	upgrade to 512×384
	thermal sensitivity/NETD	<40mK
	infrared frame rate	25Hz
	spatial resolution/IFOV	3.33mrad
	minimum object distance	1.99"
	field of view	37.2°×50.0°
	focal length	.14"
	focusing mode	manual focus
Image display	visual camera	640×480
	image mode	infrared, visual, fusion, pip, blending
	color palettes	white hot, black hot, blue red, rainbow, iron red, red hot, fusion, rain
Measurement and analysis	measurement range	support auto-switching: -4°F~248°F, 212°F~1022°F
	measurement accuracy	±3.6°F or ±2%, whichever is greater
	measurement tools	center spot, maximum spot, minimum spot, user-definable: 3 spots, 3 rectangles, 1 line
Physical parameter	Wi-Fi	802.11 b/g/n (2.4GHz and 5GHz)
	external interface	Type-C
	installation method	support multiple installation methods including clamping, magnetic mounting, wall mounting, and tripod mounting
	battery type	rechargeable lithium-ion battery, approximately 4 hours on a full charge
	charging time	approximately 2 hours fully charged
	operating environment	14°F~122°F, <95%RH (non-condensing)
	storage environment	-4°F~158°F, <95%RH (non-condensing)
	protection	IP54, 39.4" drop test
	dimension (L×W×H)	1.5×1.3×6.1"
	net weight	.35lb



connect to mobile phone via Wi-Fi

### STANDARD DELIVERY

Main unit	1 pc
Type-C data cable	1 pc
Wall mount	1 pc
Phone mount	1 pc
Carrying bag	1 pc

### OPTIONAL ACCESSORY

Tripod	0701-TR175
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