

INFRARED THERMAL IMAGING CAMERA FOR MOBILE PHONES

CODE 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, 7.5μm~14μm
	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	0.05m
	field of view	37.2°×50.0°
	focal length	3.6mm
Image display	focusing mode	manual focus
	visual camera	640×480
	image mode	infrared, visual, fusion, pip, blending
Measurement and analysis	color palettes	white hot, black hot, blue red, rainbow, iron red, red hot, fusion, rain
	measurement range	support auto-switching: -20°C~120°C, 100°C~550°C
	measurement accuracy	±2°C or ±2%, whichever is greater
Physical parameter	measurement tools	center spot, maximum spot, minimum spot, user-definable: 3 spots, 3 rectangles, 1 line
	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	-10°C~50°C, <95%RH (non-condensing)
	storage environment	-20°C~70°C, <95%RH (non-condensing)
	protection	IP54, 1m drop test
	dimension (L×W×H)	38×33×155mm
net weight	158g	



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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