

## INFRARED THERMAL IMAGING CAMERA FOR MOBILE PHONES (ECONOMIC TYPE) CODE 0241-MC400



connect to mobile phone

- Suitable for electrical industry, construction, mechanical industry, HVAC, etc.
- Support super resolution image enhancement technology, making it easy to identify problematic areas
- Temperature measurement range up to  $-20^{\circ}\text{C}\sim 400^{\circ}\text{C}$
- Mobile apps (Android and iOS) are included

### SPECIFICATION

Infrared image	detector type	unrefrigerated detector, $7.5\mu\text{m}\sim 14\mu\text{m}$
	infrared resolution	96×96
	super resolution	upgrade to 192×192
	thermal sensitivity/NETD	<50mK
	infrared frame rate	25Hz
	spatial resolution/IFOV	8.89mrad
	minimum object distance	0.1m
	field of view	$50^{\circ}\times 50^{\circ}$
	focal length	1.35mm
Image display	focusing mode	focus-free
	image mode	infrared, pip
Measurement and analysis	color palettes	white hot, black hot, fusion, rainbow, iron red, sepia, color, ice fire, rain, red hot, green hot, dark blue, customized
	measurement range	two measurement ranges: $-20^{\circ}\text{C}\sim 150^{\circ}\text{C}$ , $100^{\circ}\text{C}\sim 400^{\circ}\text{C}$
	measurement accuracy	$\pm 2^{\circ}\text{C}$ or $\pm 2\%$ , whichever is greater
Physical parameter	measurement tools	center spot, maximum spot, minimum spot, user-definable: 3 spots, 3 rectangles, 1 line
	external interface	Type-C Android, Type-C iOS, Lightning iOS
	power	310mW
	operating environment	$-10^{\circ}\text{C}\sim 50^{\circ}\text{C}$
	storage environment	$-20^{\circ}\text{C}\sim 60^{\circ}\text{C}$
	protection	IP40, 1m drop test
dimension (L×W×H)	41×10×34mm	
net weight	20g	

### STANDARD DELIVERY

Main unit	1 pc
Type-C adapter	1 pc
Lightning adapter	1 pc
Carrying bag	1 pc