

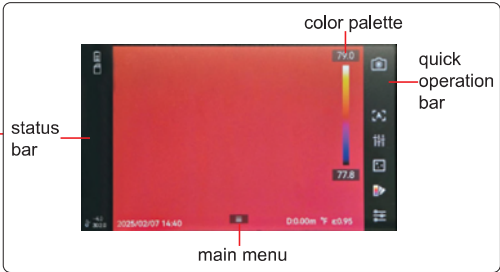


# INFRARED THERMAL IMAGING CAMERA

## PART NO. 0235-HT480

**IP54**  
WATERPOOF

**DATA**  
OUTPUT



- Suitable for electric power, construction, electrical, mechanical, scientific research, etc.
- -4°F~1202°F temperature measurement range, automatic switch, up to 3632°F with high temperature lens
- 4 hours operation time with interchangeable and rechargeable lithium-ion battery
- Software is included: support file management, thermal image analysis, video analysis, report editing, etc.
- Mobile APP is included: support real-time data and video transmission

### SPECIFICATION

Infrared image	detector type	unrefrigerated detector, .0003"~.0006"
	infrared resolution	480×360
	super resolution	upgrade to 960×720
	thermal sensitivity/NETD	<30mK
	infrared frame rate	50Hz
	spatial resolution/IFOV	.68mrad
	aperture value	F1.0
	field of view	19°×14°
	minimum object distance	11.8"
	focusing mode	AF/continuous AF/laser assisted AF/touch AF/manual focus
	digital zoom	1.0x~8.0x

**SPECIFICATION**

<b>Image display</b>	<b>display screen</b>	4.3" touchscreen LCD, 800×480 pixel
	<b>visual camera</b>	3264×2448
	<b>image mode</b>	infrared, visual, fusion, pip, blending
	<b>color palettes</b>	white hot, black hot, rainbow, ironbow, red hot, fusion, rain, blue red
	<b>color highlight</b>	above, below, interval, insulation, condensation
<b>Measurement and analysis</b>	<b>measurement range</b>	support auto-switching: -4°F~302°F, 212°F~1202°F, 572°F~3632°F (high temperature lens is required, included)
	<b>measurement accuracy</b>	±3.6°F or ±2%, whichever is greater
	<b>measurement tools</b>	center spot, hot spot, cold spot, user-definable: delta T, 10 spots, 5 rectangles, 5 circle, 1 line
<b>Function</b>	<b>laser</b>	indication: class 2, wavelength: 635nm, power: <1mW ranging: indoor 164.0ft, outdoor 49.2ft; accuracy: 3.94"
	<b>storage</b>	64G Micro SD card
	<b>image storage</b>	JPG (with temperature information)
	<b>video storage</b>	MP4 (without temperature information) and HRV (with temperature information)
	<b>WIFI</b>	802.11 b/g/n (2.4GHz and 5GHz)
	<b>bluetooth</b>	bluetooth 4.2
	<b>GPS and compass</b>	available
	<b>external interface</b>	TYPE-C, HDMI, SD card slot, 1/4" tripod mounting
	<b>battery type</b>	interchangeable and rechargeable lithium-ion battery, operating time 4 hours
<b>Physical parameter</b>	<b>charging time</b>	approximate 4 hours fully charged
	<b>operating environment</b>	-4°F~122°F, ≤95%RH
	<b>protection</b>	IP54, 78.7" drop test
	<b>dimension</b>	11.22×4.72×4.92"
	<b>weight</b>	2.43lb

**STANDARD DELIVERY**

<b>Main unit</b>	1 pc
<b>High temperature lens</b>	1 pc
<b>64G SD card</b>	1 pc
<b>Lithium-ion battery</b>	2 pcs
<b>Desktop charger</b>	1 pc
<b>Power adapter</b>	1 pc
<b>Software</b>	1 pc

**OPTIONAL ACCESSORY**

<b>Tripod</b>	<b>0701-TR175</b>
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