INFRARED THERMAL IMAGING CAMERA (MANUAL FOCUS TYPE)
CODE 0238-HT192

DATA OUTPUT

IP54 WATERPOOF

VIDEO





- Suitable for electric power, construction, electrical industry, petrochemical industry, mechanical industry, scientific research, etc.
- Equipped with 192×144 infrared detector, supporting super resolution enhancement to 384×288, delivering uniform imaging with discernible details and sharp clarity
- -20°C~650°C temperature measurement range, automatic switch
- Support point, line, rectangle and circle measurement tools, with flexible regional emissivity adjustment capabilities
- Software is included: support file management, thermal image analysis, video analysis, real-time transmission, report editing, etc.
- Mobile APP is included: support real-time data and video transmission

SPECIFICATION

Infrared image	detector type	unrefrigerated detector, 7.5μm~14μm
	infrared resolution	192×144
	super resolution	upgrade to 384×288
	thermal sensitivity/NETD	<50mK
	infrared frame rate	25Hz
	spatial resolution/IFOV	1.74mrad
	aperture value	F1.0
	field of view	19°×14°
	focal length	6.9mm
	focusing mode	manual focus
	digital zoom	1.0X~8.0X
Image display	display screen	3.5" touchscreen LCD, 640×480 pixel
	visual camera	3264×2448
	image mode	infrared, visual, fusion, pip, blending
	color palettes	white hot, black hot, rainbow, iron red, red hot, fusion, rain, blue red
	color highlight	above, below, interval, insulation, condensation
Measurement and analysis	measurement range	support auto-switching: -20°C~150°C, 100°C~650°C
	measurement accuracy	±2°C or ±2%, whichever is greater
	measurement tools	center spot, hot spot, cold spot, user-definable: delta T, 10 spots, 5 rectangles, 5 circles, 1 line
Function	laser	class 2, wavelength: 650nm, power: <1mW
	storage	32G Micro SD card
	image storage	JPG (with temperature information)
	video storage	MP4 (without temperature information) and HRV (with temperature information)
	WIFI	available
	bluetooth	available
	external interface	TYPE-C, SD card slot, 1/4" tripod mounting
	battery type	interchangeable and rechargeable lithium-ion battery, approximately 6 hours on a full charge
Physical parameter	operating environment	-10°C~50°C, ≤95%RH
	protection	IP54, 2m drop test
	dimension (L×W×H)	100×104×244mm
	net weight	660g

STANDARD DELIVERY

Main unit	1 pc
TYPE-C data cable	1 pc
SD card	1 pc
Lithium-ion battery	2 pcs
Desktop charger	1 pc
Power adapter	1 pc

OPTIONAL ACCESSORY

Tripod	0701-TR175