

## INFRARED THERMAL IMAGING CAMERAS (ECONOMIC TYPE)

**IP54**  
WATERPROOF

**DATA**  
OUTPUT

- Suitable for electric power, construction, mechanical industry, etc.
- Equipped with 96×96 infrared detector, supporting super resolution enhancement to 192×192
- -20°C~550°C temperature measurement range, automatic switch
- Wide imaging angle, discernible details and defect visualization
- Software is included: support file management, thermal image analysis, real-time transmission, report editing, etc.



0239-HT96B

### SPECIFICATION

Code		0239-HT96A	0239-HT96B
Infrared image	detector type	unrefrigerated vanadium oxide, 7.5μm~14μm	
	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°×50°	
	focal length	1.35mm	
Image display	focusing mode	focus-free	
	display screen	2.4" LCD, 320×240 pixel	
	visual camera	unavailable	640×480
	image mode	infrared	infrared, visual, fusion
Measurement and analysis	color palettes	white hot, black hot, rainbow, iron red, red hot, fusion, blue yellow	
	measurement range	support auto-switching: -20°C~150°C, 100°C~550°C	
	measurement accuracy	±2°C or ±2%, whichever is greater	
Function	measurement tools	center spot, maximum spot, minimum spot	
	laser	class 2, wavelength 650nm, power <1mW	
	storage	built-in 4G	
	image storage	JPG (with temperature information)	
	video storage	MP4 (without temperature information)	
	casting screen	available	
	external interface	TYPE-C, 1/4" tripod mounting	
	battery type	rechargeable lithium-ion battery, approximately 8 hours on a full charge	
	Physical parameter	operating environment	-10°C~50°C, ≤95%RH
storage environment		-40°C~70°C, ≤95%RH	
protection		IP54, 2m drop test	
dimension (L×W×H)		78×59×196mm	
weight		290g	



0239-HT96A



0239-HT96B

### STANDARD DELIVERY

Main unit	1 pc
TYPE-C data cable	1 pc

### OPTIONAL ACCESSORY

Tripod	0701-TR175
--------	------------