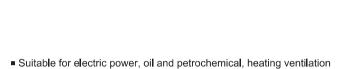


# **INFRARED THERMAL IMAGING CAMERAS**









- and air conditioning, electronic information, etc.
  4 image modes: IR, VL, MIF and PIP
- 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



0234-TC850B

#### SPECIFICATION

Code		0234-TC850A	0234-TC850B
	measurement range	support auto-switching: -40°C~150°C, 0°C~650°C	support auto-switching: -40°C~150°C, 0°C~650°C, 500°C~2000°C (high temperature lens is required, included)
	measurement accuracy	±2°C or ±2%, whichever is greater	
Measurement and analysis	analyzed target	12 in total (spot/line/area)	
measurement and analysis	temperature alarm	full screen temperature alarm with image	e, voice and flash
	temperature measuring parameter	emissivity, reflected temperature, target of temperature, optical transmittance, dew p	
	others	isothermals, smart stroke, intelligently ca	Iculate the area
	display screen	4.3" touchscreen LCD, 800×480 pixel	
	digital camera	8MP	
Image display	image mode	IR, VIS, MIF, PIP	
image display	image adjustment	level span mode: automatic, semi-autom	atic, manual
	color palettes	15: white hot, iron red, arctic, rainbow 2, tint, black hot, blue hot, sepia, green hot,	

## SPECIFICATION

SPECIFICATION		
	detector type	unrefrigerated vanadium oxide, 7.5µm~14µm
	infrared resolution	480×360@12μm
	super resolution	upgrade to 960×720
	thermal sensitivity/NETD	45mK
	infrared frame rate	30Hz/9Hz
Imaging and optics	focal length	17.7mm
illiaging and optics	field of view	25°×19°
	spatial resolution/IFOV	0.91mrad
	minimum object distance	0.15m
	distance to spot size/D:S	1099:1
	focusing mode	manual, automatic, touch autofocus, continuous autofocus
	digital zoom	1.1x~16x
	laser	indication/ranging: 0.1m~40m
Function	recording function	photo (image stitching) and video (infrared and visible light)
	cloud service	available
	storage	built-in 64GB and external SD card (64GB and up to 256GB)
	image storage	JPG (with temperature information)
Storage and transmission	video storage	MP4 (without temperature information) can be used to record audio synchronously; IRGD (with temperature information), up to 30Hz for temperature analysis
	external interface	TYPE-C, SD card slot, 1/4" tripod mounting
	WIFI	can be connected to the mobile terminal for image and real-time video transmission
	bluetooth	bluetooth 5.0, support image transmission (only for Android)
	battery type	lithium-ion rechargeable battery, operating time≥4 hours
Power supply	charging mode	TYPE-C charging; PC/portable charger; capable of charging while using; desktop charger
	charging time	90% of full charge in 2.5 hours
	operating temperature	-20°C~50°C
Environmental parameter	protection	IP54, 2m drop test
	certification	CE, ROHS
	hardware	illuminator, microphone, speaker, electronic compass, GPS
Physical parameter	dimension	292×125×125mm
	weight	1.2kg

### STANDARD DELIVERY

STANDARD DELIVERT		
Code	0234-TC850A	0234-TC850B
Infrared lens	1 pc (standard lens)	2 pcs (standard lens+high temperature lens)
Main unit	1 pc	
64G SD card	1 pc	
Lithium-ion battery	2 pcs	
Desktop charger	1 pc	
Power adapter	1 pc	
Software	1 pc	

# **OPTIONAL ACCESSORY**

Tripod 0701=TR175	
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