INFRARED THERMAL IMAGING CAMERA CODE 0231-IC650







- Suitable for electric power, metallurgy, petrochemical, scientific research and teaching, manufacturing, rail transit, building testing, electronic equipment overhaul, mechanical equipment maintenance, etc.
- Four image presentation: IR, VIS, MIF, PIP
- Real-time image can be photographed and video recorded
- Software is included: image browsing, image parameter editing, infrared image analysis, batch report generation, video editing, etc.
- WIFI real-time sharing, one-click connection to mobile device

SPECIFICATION

of Edit Idation				
Imaging and optics	detector type	unrefrigerated vanadium oxide/7.5μm~14μm		
	infrared resolution	256×192@12μm		
	super resolution	upgrade to 512×384		
	thermal sensitivity/NETD	<45mK		
	infrared frame rate	30Hz/9Hz		
	focal length	10.5mm		
	field of view	25°×19°		
	spatial resolution (IFOV)	1.7mrad		
	minimum object distance	0.1m		
	distance to spot size (D:S)	588:1		
	focusing mode	manual/automatic/continuous autofocus		
	digital zoom	1.1x~8x		
	shot recognition	auto		
	laser ranging	indication/ranging: 0.1m~40m		

SPECIFICATION

measurement accuracy analyzed target spot45, linex5, areax5	SPECIFICATION			
tracking/alarm tracking/alary tracking/alarm tracking/alary tracking/alarm tracking/alary tracking/alary tracking/alarm transmitrace, optical transmitrace, daw point store alary transmitrace, optical transmitrace, daw point store alary transmitrace, optical transmitrace, daw point transmitrace, optical transmitrace, daw point store alary transmitrace, daw point transmitrace, optical transmitrace, daw point day optical transmitrace, daw point transmitrace, optical transmitrace, daw point transmitrace, optical transmitrace, daw point transmitrace, optical transmitrace, daw point trasmitrace, optical transmitrace, daw point tra	Measurement and analysis	measurement range	support auto-switching: -40°C~150°C, 0°C~650°C	
tracking/alarm Tull screen maximum, minimum and average temperature tracking; the maxium, minimum and average temperature tracking of analyzed target; full screen temperature threshold alarm (image, voice and flash) Tunner Tunner Tunner Tunner		<u> </u>		
temperature measuring parameter temperature tracking of analyzed target; full screen temperature threshold alarm (image, voice and flash) temperature measuring parameter other isothermals, smart stroke, intelligently calculate the area display screen digital camera SMP image display mage dis		analyzed target	spot×5, line×5, area×5	
transmittance, optical transmittance, dew point other isothermals, smart stroke, intelligently calculate the area display screen 4.3", 800×480 pixel touchscreen LCD digital camera 5MP image mode IR, VIS, MIF, PIP image adjustment level span mode: automatic, semi-automatic, manual color palettes white hot, iron red, arctic, rainbow 2, hot iron, rainbow 1, fulgurite, medical, tint, black hot, blue hot, sepia, green hot, ice and fire, amber, customized recording function photo and video (infrared & visible light) cloud service available other customized physical button, intelligent diagnosis, OTA update storage local storage (64GB) and external 64GB SD image storage JPG with temperature information video storage without temperature information), can be used to record audio synchronously; lrgd (with temperature information), up to 30 Hz for temperature analysis external interface TYPE-C, SD card slot 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 rechargeable battery, working time≥5 hours charging time 90% of full charge in 2.5 hours operating temperature -20°C-50°C storage temperature -20°C-60°C protection PS4, 2-meter drop test certification CE, FCC, ROHS lithium-instor, microphone, speaker, electronic compass, GPS		tracking/alarm	the maxium, minimum and average temperature tracking of analyzed target;	
display screen digital camera image mode image adjustment color palettes recording function cloud service other storage and transmission cording time bluetooth battery type charging mode charging time cording time cording function creeding function color palettes display screen display white hot, iron red, arctic, rainbow 2, hot iron, rainbow 1, fulgurite, medical, tint, black hot, blue hot, sepia, green hot, ice and fire, amber, customized white hot, iron red, arctic, rainbow 2, hot iron, rainbow 1, fulgurite, medical, tint, black hot, blue hot, sepia, green hot, ice and fire, amber, customized white hot, iron red, arctic, rainbow 2, hot iron, rainbow 1, fulgurite, medical, tint, black hot, blue hot, sepia, green hot, ice and fire, amber, customized white hot, iron red, arctic, rainbow 2, hot iron, rainbow 1, fulgurite, medical, tint, black hot, blue hot, sepia, green hot, ice and fire, amber, customized white hot, iron red, arctic, rainbow 2, hot iron, rainbow 1, fulgurite, medical, tint, black hot, blue hot, sepia, green hot, ice and fire, amber, customized white hot, iron red, arctic, rainbow 2, hot iron, rainbow 1, fulgurite, medical, tint, black hot, blue hot, sepia, green hot, ice and fire, amber, customized white hot, iron red, arctic, rainbow 2, hot iron, rainbow 1, fulgurite, medical, tint, black hot, blue tod, iron, rainbow 1, fulgurite, medical, tint, black hot, blue tod, iron, rainbow 1, fulgurite, medical, tint, black hot, blue tod, iron, rainbow 1, fulgurite, medical, tint, black hot, blue tod, iron, rainbow 1, fulgurite, medical, tint, black hot, blue tod, iron, rainbow 1, fulgurite, medical, tint, black hot, blue tod, iron, rainbow 1, fulgurite, medical, tint, black hot, blue tod, iron, rainbow 2, hot iron, rainbow 2, blue tod, iron, rainbow 2, blue tod, iron, rainbow 2, black tod, iron, rainbow 2, blue tod, iron, paletted 4, blue tod, i				
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image adjustment level span mode: automatic, semi-automatic, manual white hot, iron red, arctic, rainbow 2, hot iron, rainbow 1, fulgurite, medical, tint, black hot, blue hot, sepia, green hot, ice and fire, amber, customized photo and video (infrared & visible light) available other customized physical button, intelligent diagnosis, OTA update local storage (64GB) and external 64GB SD image storage JPG with temperature information video storage MP4 (without temperature information), can be used to record audio synchronously; lrgd (with temperature information), up to 30 Hz for temperature analysis external interface TYPE-C, SD card slot 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) bluetooth battery type lithium-ion rechargeable battery, working time≥5 hours charging time 90% of full charge in 2.5 hours charging temperature -20°C~50°C storage temperature -40°C~60°C protection IP54, 2-meter drop test certification CE, FCC, ROHS lituminator, mircorphone, speaker, electronic compass, GPS		digital camera	5MP	
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storage local storage (64GB) and external 64GB SD	Function	cloud service	available	
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battery type lithium-ion rechargeable battery, working time≥5 hours		WIFI	can be connected to the mobile terminal for image and real-time video transmission	
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charging time 90% of full charge in 2.5 hours operating temperature -20°C~50°C storage temperature -40°C~60°C protection IP54, 2-meter drop test certification CE, FCC, ROHS hardware illuminator, microphone, speaker, electronic compass, GPS	Power system	battery type		
operating temperature -20°C~50°C storage temperature -40°C~60°C protection IP54, 2-meter drop test certification CE, FCC, ROHS hardware illuminator, microphone, speaker, electronic compass, GPS				
storage temperature -40°C~60°C protection IP54, 2-meter drop test certification CE, FCC, ROHS hardware illumirophone, speaker, electronic compass, GPS				
protection IP54, 2-meter drop test certification CE, FCC, ROHS hardware illuminator, microphone, speaker, electronic compass, GPS	Environmental parameter			
certification CE, FCC, ROHS hardware illuminator, microphone, speaker, electronic compass, GPS				
hardware illuminator, microphone, speaker, electronic compass, GPS		<u> </u>		
		certification		
hysical parameter dimension 292×125×125mm	Physical parameter			
			292×125×125mm	
weight 1.15kg		weight	1.15kg	

STANDARD DELIVERY

Main unit	1 pc
64G SD card	1 pc
Lithium-ion battery	2 pc
Desktop charger	1 pc
Power adapter	1 pc
Software	1 pc