POCKET-SIZED THERMAL CAMERA
CODE 0232-PC550

VIDEO

DATA OUTPUT

IP54 WATERPROOF





- The 256×192 infrared detector produces crisp image
- The IR, VIS, PIP and MIF reveal temperature details
- -20°C to 550°C temperature range with auto-switching capability
- Software is included

SPECIFICATION

Imaging and optics	detector type	unrefrigerated vanadium oxide/7.5μm~14μm
	infrared resolution	256×192@12μm
	thermal sensitivity/NETD	≤45mK
	infrared frame rate	25Hz/9HZ
	focal length	3.2mm
	field of view	56°×48°
	spatial resolution (IFOV)	3.75mrad
	minimum object distance	0.3m
	distance to spot size (D:S)	266:1
	focusing mode	focus-free
	digital zoom	1.1x~8x
	laser ranging	≤8m
Measurement and analysis	measurement range	support auto-switching: -20°C~150°C, 100°C~550°C
	measurement accuracy	±2°C or ±2%, whichever is greater
	analyzed target	spot×2 (include center spot), area×3
	tracking/alarm	full screen maximum/minimum temperature tracking; the maxium or minimum temperature tracking of analyzed target; full screen temperature threshold alarm (image and flash)
	temperature measuring parameter	emissivity, reflected temperature, target distance
	other	intelligently calculate the area
Image display	display screen	3.5" LCD
	digital camera	5MP
	image mode	IR, VIS, MIF, PIP
	image adjustment	level span mode: automatic, semi-automatic, manual
	color palettes	white hot, black hot, iron red, hot iron, rainbow, arctic
Function	recording function	photo
	cloud service	available
	other	customized physical buttonx2
Storage and transmission	storage media	local storage (16GB)
	image storage	JPG with temperature information
	external interface	TYPE-C
	WIFI	can be connected to the mobile terminal for image transmission
Power system	battery type	rechargeable lithium-ion battery, working time≥4 hours
	charging mode	TYPE-C charging; PC/portable charger; capable of charging while using
	charging time	90% of full charge in 2.5 hours
Environmental parameter	operation temperature	-10°C~50°C
	storage temperature	-40°C~70°C
	protection	IP54, 1m drop test
	certification	CE, FCC, ROHS
Physical parameter	hardware	illuminator, Laser (indication, ranging)
	dimension	138×89×35mm
	weight	296g

STANDARD DELIVERY

Main unit	1 pc
Power adapter	1 pc
Software	1 pc

OPTIONAL ACCESSORY

Tripod	0701-TR175