

POCKET-SIZED THERMAL CAMERA CODE 0232-PC550

IP54
WATERPROOF

DATA
OUTPUT



- The 256x192 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

SPECIFICATION

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 maximum or minimum temperature tracking of analyzed target; full screen temperature threshold alarm (image and flash)
	temperature measuring parameter	emissivity, reflected temperature, target distance
Image display	other	intelligently calculate the area
	display screen	3.5" LCD
	digital camera	5MP
	image mode	IR, VIS, MIF, PIP
	image adjustment	level span mode: automatic, semi-automatic, manual
Function	color palettes	white hot, black hot, iron red, hot iron, rainbow, arctic
	recording function	photo
	cloud service	available
Storage and transmission	other	customized physical button×2
	storage media	local storage (16GB)
	image storage	JPG with temperature information
	external interface	TYPE-C
Power system	WIFI	can be connected to the mobile terminal for image transmission
	battery type	rechargeable lithium-ion battery, working time≥4 hours
	charging mode	TYPE-C charging; PC/portable charger; capable of charging while using
Environmental parameter	charging time	90% of full charge in 2.5 hours
	operating temperature	-10°C~50°C
	storage temperature	-40°C~70°C
	protection	IP54, 1m drop test
Physical parameter	certification	CE, FCC, ROHS
	hardware	illuminator, Laser (indication, ranging)
	dimension	138×89×35mm
	weight	296g

STANDARD DELIVERY

Main unit	1 pc
Power adapter	1 pc
Software	1 pc