



Temperature Probes • Instrumentation • Cable



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Items		Technical parameters
		T1
Detector	Type	Uncooled FPA
	Resolution	160x120
	Spectral range	8-14um
	Frame rate	60 Hz
	NETD	0.06°C@30°C
Lens	FOV	28°x37°
	Focal range	0.2m~∞
	Focal method	Focus-free
Image	Spatial resolution	4.4mrad
	Visual camera	Yes
Display	LCD	3.2" TFT LCD,240x320
	Color palette	4 Color palettes for option(iron, rainbow, black heat, white heat)
	Display mode	Thermal/visual quick switching
	Adjustment	Auto
Measurement	Range	-20°C~ +250°C
	Accuracy	±2°C or ±2% (of reading, which is greater)
	Adjustment	Auto
	Measure mode	Settled central spot, full screen Max./Min temp, overheated alarm (voice, light)
	Emissivity adjustment	Variable from 0.01 to 1.0(increment: 0.01)
	Settings	Data/time/format, °C/°F/K, language
Storage	Memory card	built-in
	Storage method	Manual, single frame thermal image
	Photo format	BMP/DLV with original digital data
Power supply	Battery	Special-packing rechargeable Li-on battery, replaceable
	Operation time	>3 hours continuous operation
	Charging	USB port
	Power-saving mode	Auto sleep, auto shut down
Interface	Power	USB Type-C
	Data transport	USB Type-C
	Video	Yes
	Tripod	Optional
Environment	Working temp.	-15°C~+50°C
	Storage temp.	-25°C~+60°C
	Humidity	≤90% Non-condensing
	Protection grade	IP54
	Shock resistance	30g,GB/T2423.5(IEC60068-2-27)
	Vibration resistance	2g,GB/T2423.10(IEC60068-2-6)
	Drop resistance	1.5m,GB/T2423.8(IEC60068-2-32)
Safety	EMC	Qualify CE
	Hazard substance control	Qualify RoHS/PAHs
Dimension & Weight	Dimension	240*88*135mm (H*W*D)
	Weight(with batteries)	510g(w/ battery)



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