

# UTi120T

## Pocket-sized Thermal Camera

UTi120T is a brand-new model in portable series product. It equips with a 3.5" touch screen to make measuring work easier. Multiple image modes are built-in, users can intuitively find the performance differences in each mode. Also, UTi120T with Android analysis software, greatly improves the efficiency of data processing.



Technical Data	
IR resolution (Pixels)	120x90
Spatial resolution (IFOV)	7.6mrad
Thermal sensitivity (NETD)	≤60mK
Temperature measurement range	-20°C~400°C
Frame rate	≤25Hz
Display	3.5" TFT Touch (320x240)
Field of view (FOV)	50°x38°
Focus	Focus free
Accuracy	±2°C or ±2% whichever is greater
Emissivity	0.01~1.00 adjustable (0.95 default)
Functions	
Color palettes	White hot, Black hot, Ironbow, Hot iron, Arctic, Medical
Image modes	Thermal, Visual image, Fusion, PIP
On screen analyzer	1 Point/1 Rectangle
Digital camera resolution	640x480
Digital zoom	1.0~8x continuous
Hi/Lo temperature alarm	Icon, LED flashlight
PC software analysis	√
Wi-Fi	√
General Characteristics	
Battery	Fixed Li-ion battery (3.7V 5000mAh)
Battery operation time	≥2 hours (without Wi-Fi)
USB	Type-C
IP rating	IP54
Drop proof	1m
Storage	4GB Internal
Image/Video storage format	JPEG
Certificates	CE, FCC, RoHS
Product net weight	212g
Product size	205mmx124mmx65mm