

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)	120×90
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°×38°
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	640×480
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	205mm×124mm×65mm