

UTi120M Smartphone Thermal Imager

UTi120M is a professional smartphone thermal camera designed with USB Type-C port. It features photo capturing & video recording, allows you to share thermal imaging data anywhere & anytime.



-20°C~400°C



Image Capture



APP



PDF Report



Video recording



2m drop proof



Power Distribution Inspection



Air Conditioning Inspection



PCBA Inspection

Technical Data

IR resolution (Pixels)	120×90
Field of view (FOV)	50°×38°
Thermal sensitivity (NETD)	≤60mK @25°C
Spatial resolution (IFOV)	7.3mrad
Frame rate	≤25Hz
Focus	Focus free
Lens focal length	2.28mm
Temperature measurement range	-20°C~400°C
Accuracy	±2° or ±2% whichever is greater
Emissivity	0.1~1.00 adjustable (0.95 default)
Functions	
Color palettes	White hot, Lava, Ironbow, Black hot, Red hot, Rainbow, Rainbow HC
Image modes	Thermal, Fusion, PIP
On screen analyzer	6 Points/6 Lines/6 Rectangles/6 Circles
Auto alarm for high/low temperature	√
Photo capturing & Video recording	√
General Characteristics	
USB	Type-C
Drop proof	2m
Image/Video storage format	Pic: JPEG ; Video: MP4
Certificates	CE,UKCA,FCC,RoHS
Product net weight	25g
Product size	53mm×18.2mm×18.5mm
Standard accessories	English manual, Documents download operation guide card