

400×300

UNI-T®



UTi740M

Smartphone Thermal Camera

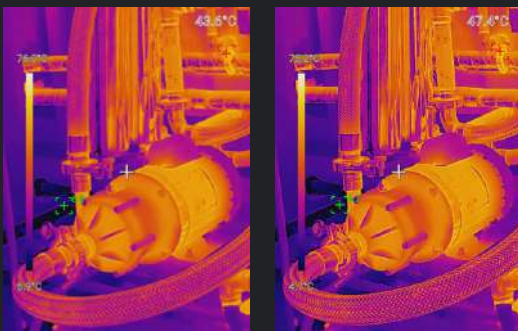


TROUBLESHOOTING ALL IN CONTROL

UTi740M features a high-sensitivity (NETD<45mK) VOx detector with 400×300 pixels of IR resolution. With the blessing of Super resolution function, quality of thermal images can be real-time improved in 4x. The manual focus design can meet the inspection requirements at various distances. Install an APP only to transform your phone into a professional thermal camera instantly. A handy measurement tool for building diagnosis and HVAC inspection.

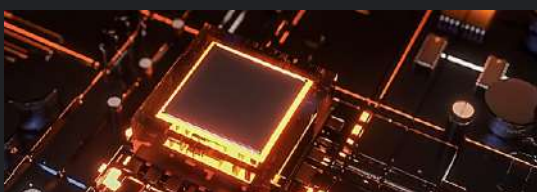
Clear Imaging

Quality of thermal images can be real-time improved in 4x and show more details when Super-resolution is on.



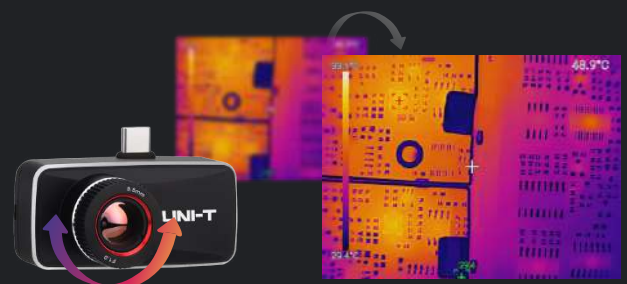
High-performance Detector

Features a 12μm IR detector with 400×300 pixels.



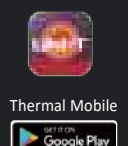
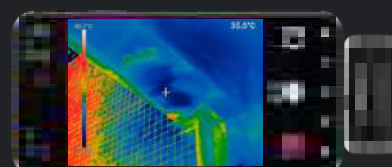
Manual Focus

Adjust the focusing ring manually until the imaging is clear to meet measurement requirements at various distances.



Plug & play with "Thermal Mobile" APP

With user-friendly operation interface.



Applications



Distribution Cabinet Inspection



Electrical Industry Inspection



Equipment Diagnosis



PCB R&D

Specifications

Model No.	UTi740M
Technical Data	
Detector type	UFPA (Vanadium oxide)
IR resolution(Pixels)	400×300
Super resolution(Pixels)	√ (800×600)
Pixel size	12μm
Frame rate	≤25Hz
Thermal sensitivity(NETD)	≤45mK @25 °C
Focus	Manual Focus
Field of view(FOV)	29°(H) × 21.5°(V)
Lens focal length	9.5mm
Measurement modes	Industrial & EST screening
Temperature measurement range	-20°C~550°C
Accuracy	Industrial: ±2° or ±2% whichever is greater (-10 °C ~550 °C) EST: ±0.5° (20 °C ~50 °C)
Color palettes	Ironbow, White Hot, Black Hot, Red Hot, Lava, Rainbow, Rainbow HC
Image modes	Thermal, Fusion, PIP
On screen analyzer	5 Points/1 Lines/3 Rectangles/3 Circles
Hi/Lo temperature alarm	LCD animation & Buzzer
Hi/Lo temperature tracking	√
Video recording	√
Isotherm	Auto/Below/Above/Section/Manual
USB	Type-C
Image storage format	JPG
Video storage format	MP4
Certificates	CE, FCC, RoHS
Languages	ZH, EN, FR, DE, IT, ES, SV, PL, CZ
Weight	46g
Dimension	58mm×27mm×28.6mm
Standard accessories	Type-C extension cable, Hand Strap, Cleaning Cloth, Cloth Bag, Quick Start Guide, Documents Download Operation Guide
Standard individual packing	Gift box
Standard Qty per carton	20pcs
Standard carton size	515mm×315mm×335mm
Standard carton G.W.	7.2kg



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