

UTi722M

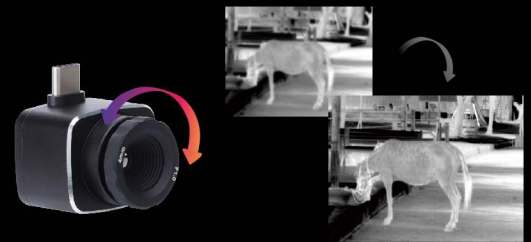
Smartphone Thermal Camera

256×192



Manual Focus

UTi722M is an affordable & professional thermal camera designed for Android devices. The aluminum alloy shell makes the product more durable. The most prominent bright feature is the 4.0mm adjustable lens. It can meet your needs of measuring the targets near or far.



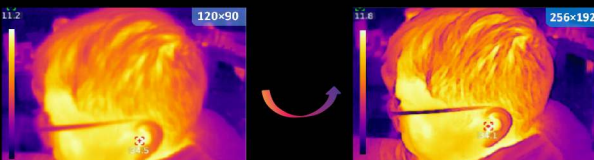
Appearance Design

- Approx. **30g**, design in pocket size
- Size: 29.5×24.5×29.5mm
- Easy to use



Better Resolution

- Upgrade from 120×90 to 256×192



Mobile APP

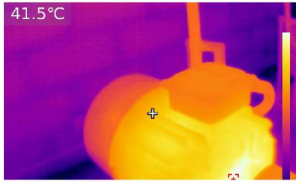
- Plug & Play with "Thermal Mobile"
- Battery-free design with low power consumption



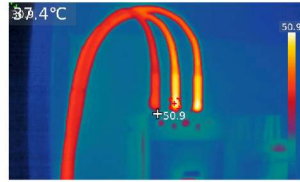
Thermal Mobile



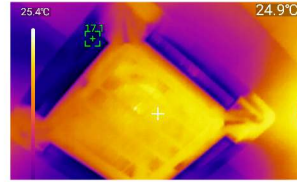
Applications



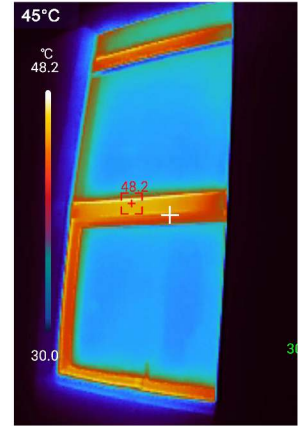
Industrial inspection



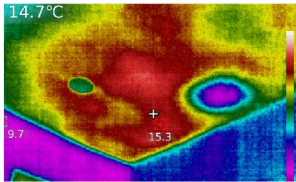
Electrical inspection



HVAC inspection



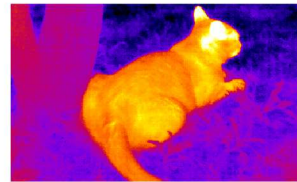
Insulation inspection



Moisture leakage inspection



EST screening



Outdoor

Specifications

Model	UTi722M
IR resolution (Pixels)	256×192
Pixel size	12μm
Frame rate	≤25Hz
Thermal sensitivity(NETD)	≤50mk
Focus	Manual
Lens focal length	4.0mm
Field of view(FOV)	44.92°(H) x 33.42°(V)
Spatial resolution(IFOV)	3.0mrad
Temperature measurement range	-20°C~450°C
Measurement modes	Industry & EST screening
Accuracy	Industry: ±2° or ±2% whichever is greater (0°C~450°C) EST: ±0.5° (30°C~40°C)
Color palette	White hot, Lava, Ironbow, Black hot, Red hot, Rainbow, Rainbow HC
Photo capturing/video recording	√
Image/video storage format	JPEG, MP4
USB interface	Type-C USB
Drop proof	1m
Certificates	CE, UKCA, FCC, RoHS
Languages	ZH, EN, FR, DE, IT, ES, SV



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