

UTi721M

Smartphone Thermal Camera

UTi721M is a professional smartphone thermal camera. Benefiting from the improvement of IR resolution, it can show you thermal images with more details. Moreover, its wide temperature measurement can meet more requirements of application scenarios. UTi721M also supports measuring modes switching. It is a reliable tool for DIY homeowners, outdoor lovers, engineers, contractors, builders, etc.

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 -20°C~550°C
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 Analysis APP
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 256 × 192
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 25Hz
- 
 EST & Industry
- 
 Portable & Convenient



Technical Specifications

IR resolution (Pixels)	256×192
Field of view (FOV)	56.0°×42.2°
Thermal sensitivity (NETD)	≤50mK
Spatial resolution (IFOV)	3.8mrad
Frame rate	≤25Hz
Pixel size	12μm
Lens focal length	3.2mm
Focus	Focus free
Temperature measurement range	-20°C~550°C (-4°F~1022°F)
Accuracy	Industry: ±2°C or ±2% whichever is greater (0°C~550°C) EST: ±0.5°C (30°C~40°C)

Functions

Image modes	Thermal, Fusion, PIP
Measurement modes	Industry & EST (Elevated skin temperature)
Color Palettes	7 (White hot, Lava, Ironbow, Black hot, Red hot, Rainbow, Rainbow HC)
On screen analyzer	3 Points/3 Lines/3 Rectangles
Isotherm	Auto/Manual
Hi/Lo temperature alarm	√
Photo capturing / Video recording	√
Photos browsing	√ (Rotation, Brush, Temperature analysis)
Software analysis	APP (Support Google Play)
Smartphone operating system	Android 6.0 and higher versions

General Characteristics

USB	USB Type-C
Drop proof	1m
Certificates	CE, UKCA, FCC, RoHS