

UTi720M Smartphone Thermal Camera

UTi720M is a professional smartphone thermal camera. Benefiting from the improvement of IR resolution, it can show you thermal images with more details. Its temperature measurement range can satisfy daily usage needs. Combined-used with the professional analysis APP, users can record thermography with temperature data anytime and anywhere. It is a reliable tool for DIY homeowners, outdoor lovers, engineers, contractors, builders, etc.



-20°C~200°C



Analysis APP



IR resolution



Frame rate



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~200°C (-4°F~392°F)
Accuracy	±2°C or ±2% whichever is greater

Functions

Image modes	Thermal, Fusion, PIP
Measurement modes	Industry
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