

UNI-T®

UTi256G/UTi384G

Industrial Enhanced Thermal Camera



UTi256G/UTi384G is a professional thermal imager with manual focus ring and 256x192/384x288 pixels. The 3.5" touch screen makes measuring work easier & intuitive. Its wide temperature measurement range meets more requirements in numerous applications. With professional analysis software, allows you to edit, analyze, and share data anywhere & anytime.

- Manual focus
- Large 3.5" touchscreen
- Temperature range from -20°C to 550°C
- IR resolution of 256x192/384x288 pixels
- Digital zoom: 2x, 4x
- Video recoding (only UTi384G)
- Voice recording & annotation
- Laser pointer & LED light
- Detachable Li-ion battery pack
- Wi-Fi download photos & Real-time videos transmission on mobile app
- IP54 & withstand 2m drop



-20°C~550°C



Manual focus



3.5" IPS touch screen



5MP Digital camera



Voice recording & annotation



Laser pointer

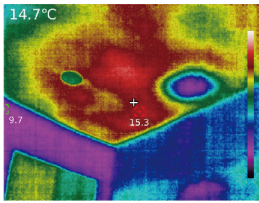


Detachable battery



PC software analysis

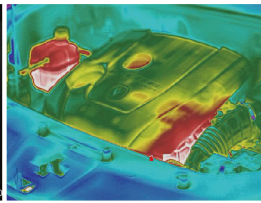
Applications



Ceiling Leakage



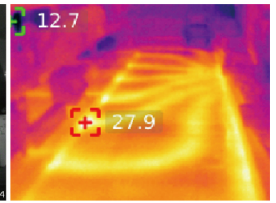
Machine Inspection



Engine Maintenance



Defective Pixel Analysis



Underfloor Heating

Parameter

Model	UTi256G	UTi384G
Technical Specifications		
IR resolution (Pixels)	256×192	384×288
Display	3.5" IPS Touch (640x480)	
Field of view(FOV)	28°×20°	42°×30°
Thermal sensitivity(NETD)	≤40mK	
Spatial resolution(IFOV)	1.91mrad	
Frame rate	≤30Hz	
Focus	Manual focus	
Temperature measurement range	-20°C~550°C	
Accuracy	±2°C or ±2% whichever is greater	
Functions		
Color palettes	White hot, Black hot, Red hot, Ironbow, Rainbow HC, Rainbow, Lava	
Image modes	Thermal, Visual Image, Fusion, PIP	
On screen analyzer	3 Points/3 Lines/3 Rectangles/3 Circles	5 Points/5 Lines/5 Rectangles/5 Circles
Digital camera resolution	5MP	
Digital zoom	2x, 4x	
Hi/Lo temperature alarm	Icon	
Isotherm	Auto/Manual/Above/Below/Section	
Software analysis	PC+APP	
Video recording / Voice recording	X/V	√/√
Wi-Fi / Bluetooth	√	
Laser pointer / LED light	√	
General Characteristics		
Battery	Detachable Li-ion battery pack with 5200mAh/3.7V (UT-M17)	
Battery operation time	About 5 hours (with Wi-Fi off)	
USB	Type-C	
IP rating	IP54	
Drop proof	2m	
Storage	8GB Internal, 32GB External	
Image storage format	JPEG	pic: JPEG; video: MP4/Irgd
Certificates	CE,UKCA,FCC,RoHS	
Product net weight	880g	
Product size	261mm×104mm×97mm	