

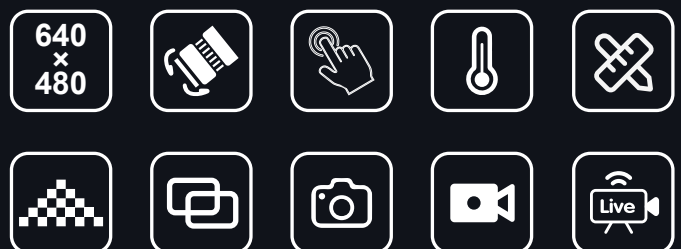
UTi760H

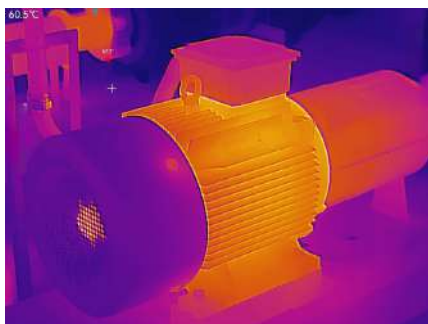
Handheld Thermal Camera



The UTi760H is equipped with a high-sensitivity infrared detector ($\leq 35\text{mK}$) boasting 640×480 infrared resolution, paired with a 4.3-inch capacitive touchscreen (800×480 pixels) that delivers vivid, detail-rich imaging. Its manual focus ring enables seamless measurement of both near and distant targets. Measurement data can be saved as photos or videos, while Wi-Fi/wired connectivity to APP/PC software facilitates comprehensive data management and analysis—helping you get work done more efficiently.

- High-definition infrared detector (640×480 pixels)
- Manual focus
- 4.3" capacitive touch display screen
- Temperature measurement range from -20°C to 650°C
- Measurement accuracy up to $\pm 1.5^{\circ}\text{C} / \pm 1.5\%$
- Super resolution
- Radiometric video record
- Wi-Fi live streaming
- All-round analysis software (PC+APP)





Parameter

Model No.	UTI760H	
Technical Data		
Display	4.3" LCD Touch (800×480)	
IR resolution(Pixels)	640×480	
Super resolution(Pixels)	1280×960	
Spectral range	8~14μm	
Pixel size	12μm	
Frame rate	≤30Hz	
Thermal sensitivity(NETD)	≤35mK	
Focus	Manual Focus	
Lens focal length	18mm	
Field of view(FOV)	24°(H) × 19.3°(V)	
Spatial resolution(IFOV)	0.67mrad	
Temperature measurement range	-20 C ~ 650 C	
Accuracy	0 C~650 C , ±1.5 C or ±1.5% whichever is greater	-10 C~0 C , ±2 C or ±2% whichever is greater
Functions		
Image modes	Thermal, Visual image, T-Mix fusion, PIP	
On screen analyzer	16 Points/16 Lines/16 Rectangles/16 Circles	
Isotherm	Auto/Manual/Above/Below/Section	
HI/LO temperature alarm	LCD animation & Buzzer	
HI/LO temperature tracking	√	
Digital camera resolution	5MP	
Digital zoom	1x~6x	
Video recording	√	
Wi-Fi/Wi-Fi live streaming	√	
Analysis software	PC+APP	
General Characteristics		
Battery	5200mAh detachable Li-ion battery pack (UT-M17)	
Operating time	Approx. 4 hours (with Wi-Fi off)	
USB	Type-C	
Storage	Built-in 32GB & 32GB SD card	
Image storage format	Radiometric JPEG	
Video storage format	MP4 & UIR(with radiometric data)	
Protection	IP54 & 2m drop proof	
Certificates	CE, FCC, RoHS	
Languages	EN, FR, DE, IT, ES, SV, PL, CS	



UNI-T
UNI-TREND TECHNOLOGY



unitrend88



UniTrendTechnology



uni-trend-technology-china-limited