

UTi740H+

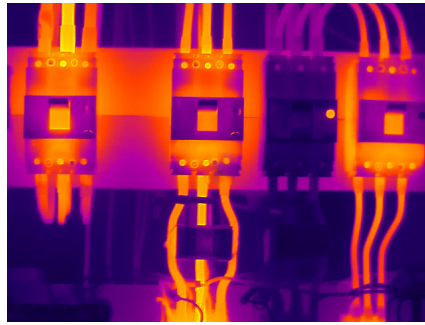
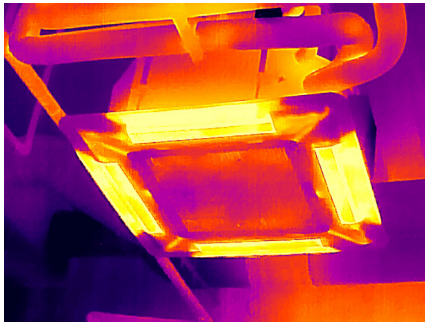
Handheld Thermal Camera



The UTi740H+ is equipped with a high-sensitivity infrared detector (<35mK) boasting 400x300 infrared resolution, paired with a 4.3-inch capacitive touchscreen (800x480 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 (400x300 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.	UTi740H+	
Technical Data		
Display	4.3" LCD Touch (800x480)	
IR resolution(Pixels)	400x300	
Super resolution(Pixels)	800x600	
Spectral range	8~14μm	
Pixel size	12μm	
Frame rate	≤30Hz	
Thermal sensitivity(NETD)	<35mK	
Focus	Manual Focus	
Lens focal length	9.5mm	
Field of view(FOV)	29°(H) × 21.5°(V)	
Spatial resolution(IFOV)	1.26mrad	
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	



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