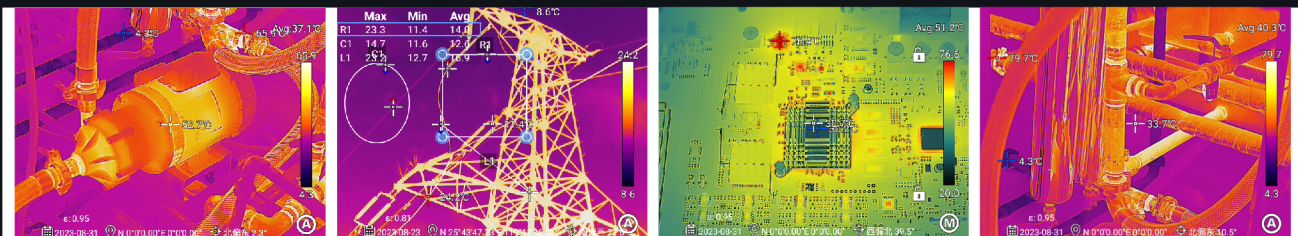


UTi640J

Professional Enhanced Thermal Camera



With a built-in high-sensitivity infrared detector with 640×480 pixels, a 13MP digital camera, and 5 focusing modes. The high-precision thermal camera designed specifically for the industrial field helps users intuitively view high-definition images and temperature details of the target, with the classic "hammer" design. 30Hz infrared frame rate for fast and accurate access to more temperature data of moving targets.



Electrical Equipment

Power Tower

PCB R&D

Pipeline Inspection

Specifications

Model	UTi640J					
Technical Data						
Display	4.3" LCD Touch (800x480)					
IR resolution (Pixels)	640x480					
Super resolution	√(1280x960)					
Spectral range	7.5~14μm					
Pixel size	12μm					
Frame rate	30Hz					
Thermal sensitivity(NETD)	≤40mK					
Focus	Manual / Automatic / Touch autofocus / Continuous autofocus					
Lens focal length	Automatic					
Infrared lens	Standard lens	Marco lens (Optional)	Wide-angle lens (Optional)	Medium tele lens (Optional)	Tele lens (Optional)	High-temp lens (optional)
Lens focal length	17.7mm	16.2mm	10.0mm	29.0mm	62.9mm	/
Field of view(FOV)	25° (H)×19° (V)	/	44° (H)×34° (V)	15° (H)×11° (V)	7° (H)×5° (V)	25° (H)×19° (V)
Temperature measurement range	-40°C~150°C, 0°C~650°C (Automatic switch)					
Accuracy	±2°C or ±2% whichever is greater					
Functions						
Image modes	Thermal, Visual image, Fusion, PIP					
On screen analyzer	16 Points/16 Lines/16 Rectangles					
Hi/Lo temperature alarm	LCD animation, LED flashlight, Buzzer					
Hi/Lo temperature tracking	√					
Digital camera resolution	13MP					
Digital zoom	1.1x~20x					
Video recording	√					
Voice recording	√					
Wi-Fi / Bluetooth	√					
Wi-Fi live streaming	√					
Analysis software	PC+APP					
General Characteristics						
Battery	Rechargeable Li-ion battery pack					
Operating time	≥4 hours (with Wi-Fi off)					
USB	Type-C					
Storage	64GB Internal & 64GB Micro SD card					
Image storage format	Jpg					
Video storage format	MP4 & Irgd					
Protection	IP54 & 2m					
Languages	ZH_hans, ZH_hant, EN, FR, DE, ES, IT, RU, PL, KR, PT, TR, TH, NO, CZ, HU, JP, AR					
Weight	≤1.15KG (included standard lens & battery)					
Dimension	292mm×125mm×125mm					



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