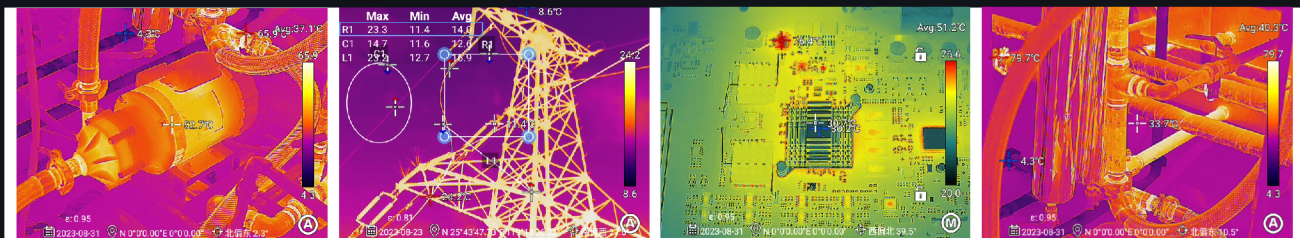


UTi384J/UTi640J

Professional Enhanced Thermal Camera



Featuring a built-in high-sensitivity infrared detector up to 640×480 pixels, and a 13MP digital camera. The high-precision thermal camera designed specifically for the industrial field helps users intuitively view the hidden thermal abnormalities. 30Hz infrared frame rate for fast and accurate access to more temperature data of moving targets. Auto focus is also supported, fearless of the distance.



Electrical Equipment

Power Tower

PCB R&D

Pipeline Inspection

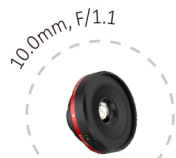
Specifications

| Model | UTi384J | UTi640J |
|--------------------------------|--|---|
| Technical Data | | |
| Display | 4.3" LCD Touch (800x480) | |
| IR resolution (Pixels) | 384x288 | 640x480 |
| Super resolution | √(768x576) | √(1280x960) |
| Pixel size | 12μm | |
| Frame rate | 30Hz / 9Hz | |
| Thermal sensitivity(NETD) | ≤40mK | |
| Focus | Manual / Automatic / Touch autofocus / Continuous autofocus | |
| Temperature measurement range | Support auto-switching: -40°C~150°C, 0°C~650°C 500°C~2000°C (Optional Hi-temp. Lens) | |
| Accuracy | ±2°C or ±2% whichever is greater | |
| Functions | | |
| Image modes | Thermal, Visual image, Fusion, PIP | |
| On screen analyzer | 10 Points/10 Lines/10 Rectangles/10 Circles | 16 Points/16 Lines/16 Rectangles/16 Circles |
| Hi/Lo temperature alarm | LCD animation, LED flashlight, Buzzer | |
| Hi/Lo temperature tracking | √ | |
| Digital camera resolution | 8MP | 13MP |
| Digital zoom | 1.1x~10x | 1.1x~20x |
| Video recording | √ | |
| Voice recording | √ | |
| Wi-Fi / Bluetooth | √ | |
| Wi-Fi live streaming | √ | |
| Analysis software | PC+APP | |
| General Characteristics | | |
| Battery | 3350mAh detachable Li-ion battery pack × 2 | |
| Operating time | ≥5 hours (with Wi-Fi off) | ≥4 hours (with Wi-Fi off) |
| USB | Type-C | |
| Storage | 64GB Internal & 64GB Micro SD card | |
| Image storage format | JPG with temp. data | |
| Video storage format | MP4 & Irgd | |
| Protection | IP54 & 2m drop proof | |
| Languages | ZH_hans, ZH_hant, EN, FR, DE, ES, IT, RU, PL, KR, PT, TR, TH, NO, CZ, HU, JP, AR | |

Interchangeable Lens



UT-2006
Marco lens



UT-2007
Wide-angle lens 44°x34°



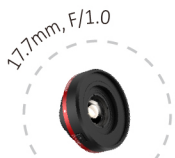
UT-2008
Medium tele lens 15°x11°



UT-2009
Tele lens 7°x5°



UT-2010
High-temp lens 25°x19°



UT-2011
Standard lens 25°x19°



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