

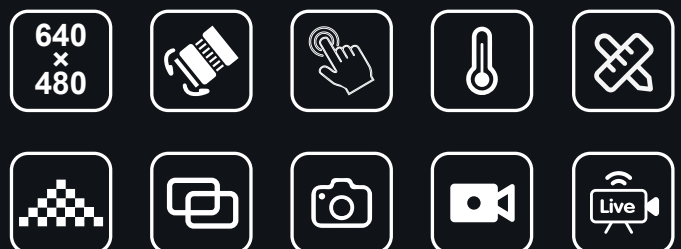
## UTi760H

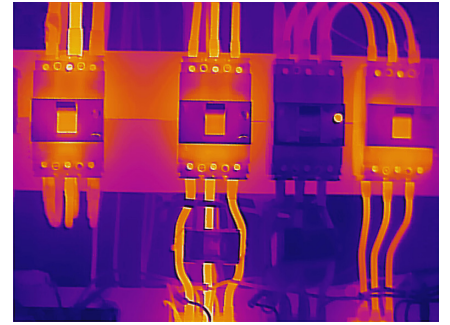
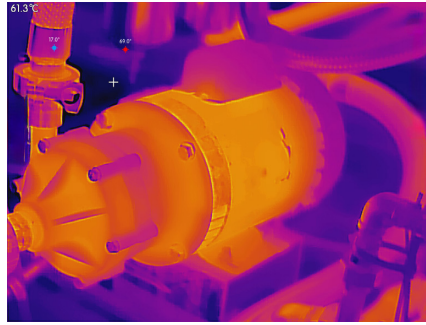
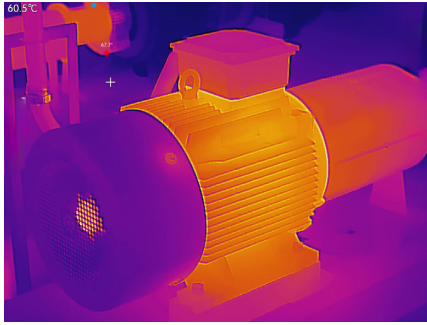
Handheld Thermal Camera



The UTi760H is equipped with a high-sensitivity infrared detector (<math><35\text{mK}</math>) 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  $-20^{\circ}\text{C}$  to  $650^{\circ}\text{C}$
- 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   |   |
|--------------------------------|---|---|
| <b>Technical Data</b>          |   |   |
| 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 |
| <b>Functions</b>               |   |   |
| 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  |   |
| <b>General Characteristics</b> |   |   |
| 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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