

XEAST UTi260K 000000 00 0 000000 0000000000 00000000 00000000 000000 000000 00000 00000 00000 000000  
00000000 0000000000 000000

## ● SPECIFICATION



|                                       |                                                                                           |
|---------------------------------------|-------------------------------------------------------------------------------------------|
| Specifications                        |                                                                                           |
| Model                                 | UTi260K                                                                                   |
| Sensor                                | Uncooled focal plane                                                                      |
| Temperature range                     | 30°C~45°C                                                                                 |
| Resolution                            | 0.1°C                                                                                     |
| Accuracy                              | ±0.5°C ( @ 25°C ambient temperature )                                                     |
| Optimal measuring distance            | 1m                                                                                        |
| Temperature measurement response time | ≤500ms (95% of reading)                                                                   |
| Thermal resolution                    | 49152 (256×192)                                                                           |
| Pixel dimensions                      | 12μm                                                                                      |
| Palettes                              | Iron red, rainbow, glowing white, glowing black, glowing red, lava, high-contrast rainbow |
| Bandwidth of infraed spectroscopy     | 8~14μm                                                                                    |
| Field of view (FOV)                   | 56°(H) × 42°(V)                                                                           |
| Instantaneous field of view (IFOV)    | 3.8mrad                                                                                   |
| Thermal imaging sensitivity           | < 50mk                                                                                    |
| Frame rate                            | < 25Hz                                                                                    |
| Temperature display                   | Center temperature measurement and high temperature tracking (default)                    |
| Image format                          | BMP                                                                                       |
| Image modes                           | Thermal camera, visible camera, image blending                                            |
| Temperature measuring point           | Besides central point, 3 temperature measuring points can be added                        |
| Visual camera                         | √                                                                                         |
| Resolution of visible light           | 640×480                                                                                   |
| Display resolution                    | 320×240                                                                                   |
| Image blending                        | 0% (total visual camera), 25%, 50%, 75%, 100% (total thermal camera)                      |
| PC analysis software (PC)             | √                                                                                         |
| Real-time image transmission          | PC software image projection                                                              |
| Data communication                    | Type-C USB                                                                                |
| Auto power off                        | Selectable (5min, 10min, 30min), 30min auto power off (default)                           |
| Battery life                          | ≥6 hours                                                                                  |
| Charging time                         | ≤5 hours                                                                                  |
| Charging voltage/current              | 5V/2A                                                                                     |
| Image storage                         | 16G Micro SD card                                                                         |
| General Characteristics               |                                                                                           |
| Power                                 | A single Li-ion 3.7V/5000mAh 26650 battery                                                |
| Display                               | 2.8" TFT LCD                                                                              |
| Product color                         | Red & grey                                                                                |
| Product size                          | 236mm x 75.5mm x 86mm                                                                     |
| Standard accessories                  | Manual, Type-C USB cable, 16GB TF card                                                    |
| Standard carton gross weight          | 2.2kg                                                                                     |







---

● APPLICATIONS



# Design tripod screw hole 1/4 adapter

Tripod screw hole 1/4 adapter for easy installation and fixation.



## Large capacity battery

Large capacity Li-ion 3.6V / 5000mAh, 26650 single battery, working time is not less than 6 hours, escort for your continuous work

5000mAh



### Type-C USB

Type-C USB plug in front and back, connect PC analysis software and charging function, convenient and fast

This device supports 5V / 2A power adapter charging

#### ● PACKAGE INCLUDE











Company Outlook



Sales Dept



Showroom



Company View



Manufacturing Line



Warehouse



Testing Machine



SMT Dept



Mold Insection Line



Team Building



Customer Visting

