

XEAST UTi260K Ручной инструмент для измерения температуры тела человека Инфракрасный тепловизор, в реальном ПК Анализ программного обеспечения

● **SPECIFICATION**



Technical Parameters

| | |
|---------------------------------------|--|
| Model | UTi165K |
| Sensor | Uncooled focal plane |
| Temperature measurement range | 30°C~45°C |
| Resolution | 0.1°C |
| Precision | ± 0.5 °C (the best test distance is 1 meter) |
| Temperature measurement response time | ≤500ms |
| Thermal imaging pixel | 19200 (160*120) |
| Pixel size | 12μm |
| Swatch | Iron Red / Rainbow / White Hot / Black Hot / Red Hot / Lava / High Contrast Rainbow |
| Infrared spectral bandwidth | 8~14μm |
| Field of View (FOV) | 56° (H) *42° (V) |
| Instantaneous Field of View (IFOV) | 6mrad |
| Thermal imaging sensitivity | <50mK |
| Frame rate | <9Hz |
| Temperature display | Center point temperature measurement and high temperature tracking (default high temperature tracking) |
| Image format | BMP |
| Picture mode | Thermal imaging, digital camera (visible light), fusion |
| Visible light | √ |
| Visible light resolution | 640*480 |
| Hybrid settings | 0% (full visible light), 25%, 50%, 75%, 100% (full thermal imaging) |
| Live image | PC software real-time image projection screen |
| PC analysis software | √ |
| High temperature alarm | Light flickers, screen display, audible alarm can be set after real-time image projection using PC software |
| Button | 10 keys (start key, camera key, return key, up, down, left and right navigation keys, SET key, picture browsing key, LED lighting key) |
| Data communication | Type-C USB |
| Product size (LxWxH) | 236mm*75.5mm*86mm |
| Display type | 2.8 "TFT LCD |
| Display resolution | 320*240 |
| Battery | Li-ion 3.7V/5000mAh |
| Automatic shut-down | Optional (5min 10min 30min OFF) Default 30min auto power off |
| Usage time | No less than 6 hours |
| Charging time | No more than 5 hours |
| Charging voltage / current | 5V/2A |
| Image storage | Micro SD card |
| Storage environment | -20°C~60°C (-4°F~140°F) |
| Operating temperature | 15°C~30°C (59°F~86°F) |
| Accessories | Manual, Type-C USB cable, 16GB TF card |















● APPLICATIONS



| | | | | |
|--|---|---|--|---|
|  Uncooled focal plane sensor |  High and low temperature measurement |  Defect visible |  Emissivity adjustable |  Real-time image transmission |
| 30°C ~ 45°C Temperature range | 160 X 120 Thermal imaging resolution |  High temperature alarm |  Type-C USB charging + data transmission |  Flashlight function |

Real-time image transmission

After the USB mode is set to USB camera, connect the USB data cable to the computer, and the real-time image head projection function can be realized through the image projection screen host software.



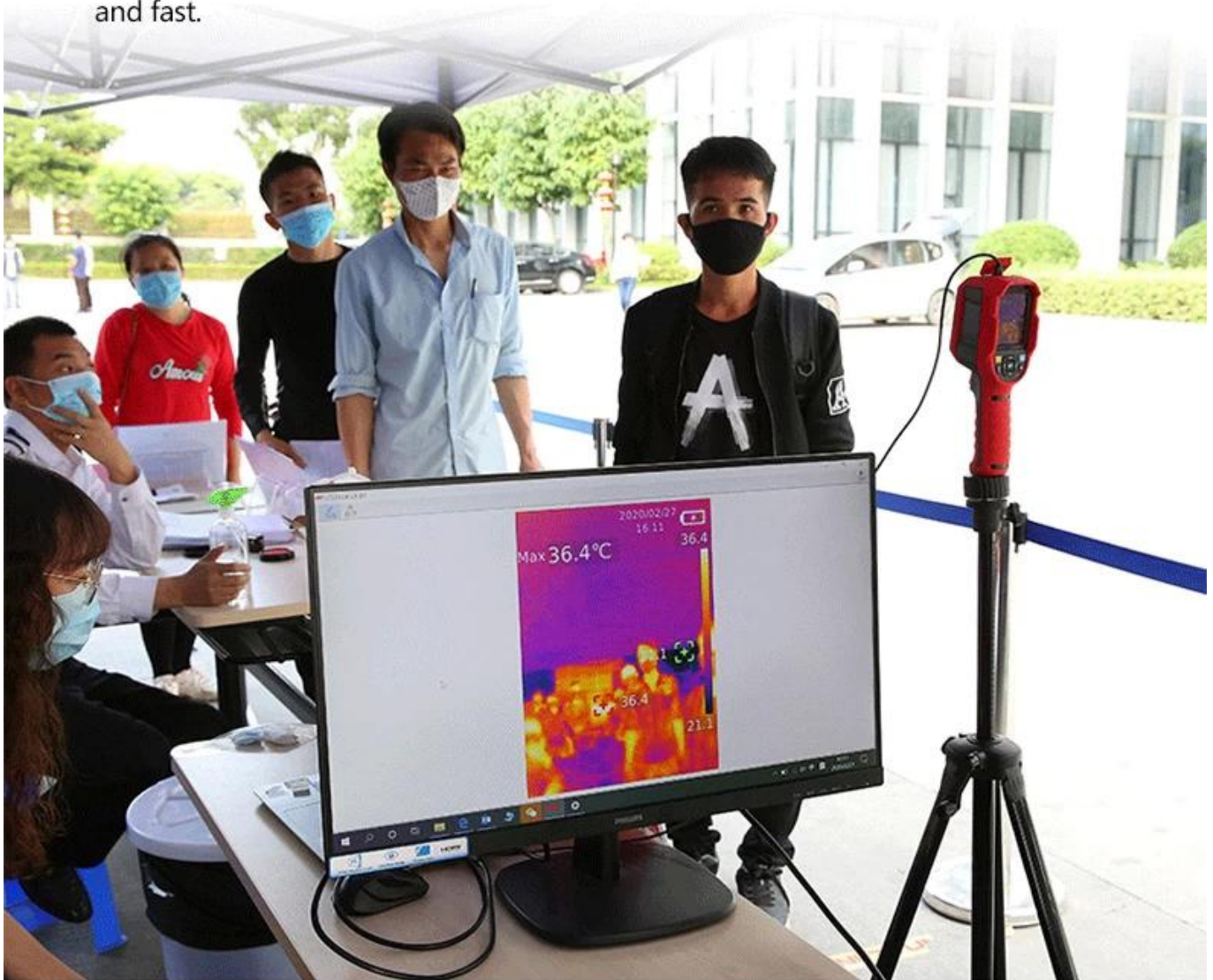
PC software for image analysis

- Support SD card, USB and other import methods; with powerful image processing capabilities
- Analyze by point, line, rectangle, and circle labeling methods, which can display the highest temperature, lowest temperature, and average temperature in each area



Application scenario

It is widely used in schools, factories, office buildings, residential quarters and other places to conduct temperature screening for express delivery, which is convenient and fast.



● PACKAGE INCLUDE

 XEAST®





Company Outlook



Sales Dept



Showroom



Company View



Manufacturing Line



Warehouse



Testing Machine



SMT Dept



Mold Insection Line



Team Building



Customer Visting

