

## UTi120P

### Pocket-sized Thermal Camera

UTi120P thermal camera is mini and portable in size, users can put it into pocket to go anywhere to identify and troubleshoot problems, which can automatically track and alarm high and low temperature. It can be widely used in many applications.



-20°C~400°C



120  
x  
90



PC software analysis



Easy to carry

#### Technical Data

|                               |                                     |
|-------------------------------|-------------------------------------|
| IR resolution (Pixels)        | 120×90                              |
| Spatial resolution (IFOV)     | 7.3mrad                             |
| Thermal sensitivity (NETD)    | ≤60mK                               |
| Temperature measurement range | -20°C~400°C                         |
| Frame rate                    | ≤25Hz                               |
| Display                       | 2.4" TFT LCD (320×240)              |
| Field of view (FOV)           | 50°×38°                             |
| Focus                         | Focus free                          |
| Accuracy                      | ±2°C or ±2% whichever is greater    |
| Emissivity                    | 0.01~1.00 adjustable (0.95 default) |

#### Functions

|                         |                        |
|-------------------------|------------------------|
| Color palettes          | Ironbow, Grey, Rainbow |
| Image modes             | Thermal                |
| Hi/Lo temperature alarm | Icon                   |
| PC software analysis    | √                      |

#### General Characteristics

|                            |                                     |
|----------------------------|-------------------------------------|
| Battery                    | Fixed Li-ion battery (3.7V 1350mAh) |
| Battery operation time     | ≥ 3.5 hours                         |
| USB                        | Micro USB                           |
| Drop proof                 | 1m                                  |
| Storage                    | Up to 32G Micro SD card             |
| Image/Video storage format | BMP                                 |
| Certificates               | CE, RoHS                            |
| Product net weight         | 125g                                |
| Product size               | 76mm×76mm×24mm                      |