







UTi120T

Pocket-sized Thermal Camera

UTi120T is a brand-new model in portable series product. It equips with a 3.5" touch screen to make measuring work easier. Multiple image modes are built-in, users can intuitively find the performance differences in each mode. Also, UTi120T with Android analysis software, greatly improves the efficiency of data processing.

- 
3.5" TFT touch screen
- 
640x480 Digital camera
- 
Digital zoom
- 
On screen analyzer
- 
120 x 90 IR resolution
- 
LED light
- 
APP
- 
IP54



| Technical Data | |
|-------------------------------|--|
| IR resolution (Pixels) | 120x90 |
| Spatial resolution (IFOV) | 7.6mrad |
| Thermal sensitivity (NETD) | ≤60mK |
| Temperature measurement range | -20°C~400°C |
| Frame rate | ≤25Hz |
| Display | 3.5" TFT Touch (320x240) |
| Field of view (FOV) | 50°x38° |
| Focus | Focus free |
| Accuracy | ±2°C or ±2% whichever is greater |
| Emissivity | 0.01~1.00 adjustable (0.95 default) |
| Functions | |
| Color palettes | White hot, Black hot, Ironbow, Hot iron, Arctic, Medical |
| Image modes | Thermal, Visual image, Fusion, PIP |
| On screen analyzer | 1 Point/1 Rectangle |
| Digital camera resolution | 640x480 |
| Digital zoom | 1.0~8x continuous |
| Hi/Lo temperature alarm | Icon, LED flashlight |
| PC software analysis | √ |
| Wi-Fi | √ |
| General Characteristics | |
| Battery | Fixed Li-ion battery (3.7V 5000mAh) |
| Battery operation time | ≥2 hours (without Wi-Fi) |
| USB | Type-C |
| IP rating | IP54 |
| Drop proof | 1m |
| Storage | 4GB Internal |
| Image/Video storage format | JPEG |
| Certificates | CE, FCC, RoHS |
| Product net weight | 212g |
| Product size | 205mmx124mmx65mm |