

<http://www.irtek-temp.com/>

IRtek International

T120V

| IMAGING PERFORMANCE | |
|---------------------------------------|---|
| Resolution | 120x90 @ 17¼m |
| Detector | VOx/7.5 ~ 14¼m |
| Thermal sensitivity | 60mK |
| Field of view | 50°x38° |
| Spatial resolution | 7.6mrad |
| Focus | fix |
| Image frame rate | 25Hz |
| Focal length | 2.28mm / F1.13 |
| VISUAL CAMERA | |
| Resolution | 320x240 |
| Focus | fixed |
| Flashlight | yes |
| IMAGE DISPLAY | |
| Display | 2.4" IPS technology TFT display |
| Resolution | 320x240 |
| Image | IR / visual / picture in picture |
| Display color | 6 palettes |
| MEASUREMENT | |
| Temperature range | -20 ~ 150°C, 100 ~ 400°C (auto switching) |
| Accuracy | ±2°C or ±2% whichever is greater (target temp is ±0°C, ambient temp is 15 ~ 30°C) |
| Measurement modes | spot; 3 areas displaying either max & min; auto hot & cold spot tracking; full screen max & min spot alarm |
| IMAGE STORAGE | |
| Media | TF card (up to 32GB) |
| IR image format | 120x90 (JPG) |
| Visual image | 320x240 |
| CONNECTIONS AND COMMUNICATIONS | |
| Port | USB type C, TF card slot |
| WiFi | enable for data transmission |
| Laser | yes |
| Tripod mount | yes |

| POWER SYSTEM | |
|--------------------------------|---|
| Battery type | Rechargeable Li-ion battery |
| Operating time | >5 hours |
| Charging time | ≈2.5 hours |
| ENVIRONMENTAL | |
| Operating temperature | -10 ~ 50Â°C |
| Storage temperature | -40 ~ 70Â°C |
| Encapsulation | IP54 |
| PHYSICAL CHARACTERISTIC | |
| Size | 194 x 61.5 x76mm |
| Weight | 350g |
| ACCESSORIES | |
| Standard accessories | Charger + adapter, type-C USB cable, wrist strap, 16GB TF card, quick manual, warranty card, certificate of product conformance |

[Vendor Information](#)