

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

*IRtek International*

## T120V

<b>IMAGING PERFORMANCE</b>	
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
<b>VISUAL CAMERA</b>	
Resolution	320x240
Focus	fixed
Flashlight	yes
<b>IMAGE DISPLAY</b>	
Display	2.4" IPS technology TFT display
Resolution	320x240
Image	IR / visual / picture in picture
Display color	6 palettes
<b>MEASUREMENT</b>	
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
<b>IMAGE STORAGE</b>	
Media	TF card (up to 32GB)
IR image format	120x90 (JPG)
Visual image	320x240
<b>CONNECTIONS AND COMMUNICATIONS</b>	
Port	USB type C, TF card slot
WiFi	enable for data transmission
Laser	yes
Tripod mount	yes

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

[Vendor Information](#)