

<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](#)