

## VT-120



### Features :

- TFT full view colour screen display
- Integrates Surface temperature measurement and thermal images.
- Built-in Chargeable 18650 Lithium batteries.
- Hybrid imaging of visual and infrared images
- Selectable of Different colour Palettes
- Images capture saved in SD card

### Technical Data

Infrared image resolution	160x120
Field angle	35°×27°
Image PC offline analysis	Support
Infrared detector type	Vanadium oxide is uncooled in the infrared focal plane
Frame rate of thermal images	≤25Hz
Pixel size	12μm
NETD	≤50mK @25°C,@F/1.1
Shortest focus length	3.2mm
IFOV	3.75mrad
Wavelength coverage	8-14μm
Focus mode	Fixed
Temperature measurement range	-20°C to +550°C (-4°F to 1022°F)
Temperature measurement accuracy	±2%; ± 2° C(3.6°F) or of reading
Resolution	0.1°C
Temperature measurement mode	Center point / cold hot spot tracking
Color palette	Rainbow, iron oxide red, cold color, black & white, white & black
Emissivity	Adjustable from 0.01 to 1.00
Visible light image resolution	300000 pixels
Display screen	2.8" TFT color display
Image display mode	Infrared/visible/dual light fusion
Lighting supplement	LED lighting supplement
Storage capacity	Built-in 4G eMMC (about 3G storage space available to the user)
Store the image / video formats	JPG / MP4
Image / video export mode	USB connection PC export
Menu language	Chinese, English, German, Italian
Battery	18650 battery (Size: ∅ 18.5×69mm)
Battery capacity	2000mAh
Working time	2-3 hours
Power interface	Micro USB
Automatic power off	Selectable: 5 minutes / 20 minutes / not power off automatically
Work temperature	-10°C to 50°C / -14°F to 122°F
Storage temperature	-20°C to 60°C / -4°F to 140°F
Relative humidity	10% to 85% RH (non-condensing)
Weight	389g
Size	96mm×72mm×226mm

