

MTV-P ONE

Thermal Imager Camera



Overview:

Thermal Imaging Camera is widely used in the Medicine, Archaeology, transport, agriculture and so on.

Features:

- 3.2 " full angle TFT display screen
- Infrared image resolution 220×160
- Temperature measurement range -20°C to 300°C (-4°F to 572°F)
- Measurement accuracy $\pm 2\%$ / $\pm 2^\circ\text{C}$
- The integration of thermal image with 25% step length and visible image
- Micro USB 2.0

parameter	values
Model	MTV-P one
Display screen	3.2 " full angle TFT display screen
Infrared image resolution	220×160
visible image resolution	640×480(300,000 pixel)
Field angle/shortest focus length	35°x26°/4.0mm
Thermal sensitivity	0.07°C
Temperature measurement range	-20°C to 300°C (-4°F to 572°F)
Measurement accuracy	$\pm 2\%$ / $\pm 2^\circ\text{C}$
Emissivity	Adjustable from 0.01 to 1.0
Frame rate of thermal images	9Hz
Wavelength coverage	8-14um
Focus mode	Fixed
Color palette	Rainbow, iron oxide red, cold color, black & white, white & black
View option	The integration of thermal image with 25% step length and visible image.
Storage medium	Built-in 3G (above 2 million image stored)
File format	JPG
USB	Micro USB 2.0
Power supply	Built-in chargeable 1800 battery
Automatic power-off time	Selectable: 5 minutes/20 minutes/ not power off automatically
Product size (length × width × height)	140mm×80mm×28mm
Product weight	208g
Work temperature	0°C to 45°C
Storage temperature	-20°C to 60°C
Relative humidity	< 85%RH