MTV-320 Pro
Thermal Imaging Camera

Features:

■ Infrared thermal imaging resolution is 320 x 240 pixels.

■ Temperature range supports -10℃ to +330℃ (can be customized).

■ Supports the hottest, coldest,central point temperature measurement and zone area temperature measurement of the whole imaging. The temperature measurement accuracy can reach ±2℃ or ±2% of reading.

■ The following imaging modes are supported:
- Infrared thermal imaging mode
- Visible light mode
- Picture in picture mode
- Outline fusion mode
- Overlay fusion mode

■ All pixels temperature can be analyzed through PC client.

Infrared Thermal Imaging	Values
IR resolution	320 x 240 pixels
Frame rate	9Hz
Frequenccy band	8~14μm
Thermal sensitivity (NETD)	≤0.07 ℃ (70 mK)
Field of view	Horizontal 34.4,vertical 25.8
lens	6.5 mm
Temperature range	-10℃ to +330℃
Temperature measurement Accuracy	±2℃ or ±2%
Temperature measurement	Hottest, coldest,central point, zone area temperature measurement
Color palette	Tyrian, white hot, black hot, iron, iron hot,rainbow, glory, hottest, coldest
Visible	
IR resolution	640 x 480 pixels
Frame rate	25Hz
LED Light	Support
Display	
Display Resolution	320 x 240 pixels
Display Size	3.5 inch
Image mode	Edge fusion, overlay fusion, picture-in-picture, infrared thermal imaging, visible light
General	
Working time	>4 hours in 25℃
Battery Charge	Built-in battery, it is recommended to use +5V & >=2A universal USB charger
Wifi	Support PC software data transmission
Operating temperature	-20℃ - +50℃
Storage temperature	-40℃ - +70℃
Waterproof and dustproof	IP54
Dimension	225mm × 87mm × 101mm
Weight	350g
Storage	
Capacity	Built-in memory, about 6.6G available,can store more than 30,000 pictures
Picture storage mode	Simultaneous storage of infrared thermal imaging, visible light and fusion images
File format	TIFF format, support full frame pictures temprature analysis
interface	
Data and charging interface	USB Type-C (support charging and data transmission)