

MTV-320 Pro

Thermal Imaging Camera



Features:

- Infrared thermal imaging resolution is 320 x 240 pixels.
- Temperature range supports -10°C to +330°C (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 $\pm 2^{\circ}\text{C}$ or $\pm 2\%$ 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.

IR resolution 32 x 240 pixels Frame rate Frame rate Frequenccy band Frequenccy band Frequenccy band Frequenccy band Frequenccy band Frequency band Frequency band Frequency band Fred sensitivity (NETD) Field of view Horizontal 34.4, vertical 25.8 Iens 6.5 mm Fremperature range -10°C to +330°C Fremperature measurement Accuracy +2°C or ±2°6 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 Frame rate 25H2 IED Light Support Display Display Resolution 320 x 240 pixels 3.5 inch Image mode Edge fusion, overlay fusion, picture-in-picture, infrared thermal imaging, visible light General Working time 8-4 hours in 25°C Battery Charge Built-in battery, it is recommended to use +5V & >=2A universal USB charger Wiff Support PC software data transmission Operating temperature -20°C - +50°C Storage temperature -40°C - +70°C Waterproof and dustproof IPS4 Dimension 225mm × 87mm × 101mm Weight 350g Storage Gapacity Built-in memory, about 6.6G available,can store more than 30,000 pictures Interface Data and charging interface USB Type-C (support charging and data transmission)	Infrared Thermal Imaging	Values
Frequenccy band Thermal sensitivity (NETD) Field of view Horizontal 34.4,vertical 25.8 lens 6.5 mm Temperature range -10°C to +330°C Temperature measurement Accuracy ±2°C 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 G40 x 480 pixels Frame rate 25Hz LED Light Support Display Display Resolution 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°C Battery Charge Built-in battery, it is recommended to use +5V & >=2A universal USB charger Support PC software data transmission Operating temperature -20°C - +50°C Storage temperature -40°C - 70°C Waterproof and dustproof Dimension 225mm × 87mm × 101mm Weight 350g Storage Capacity Built-in memory, about 6.6G available,can store more than 30,000 pictures Infer format IIFF format, support full frame pictures temprature analysis interface	IR resolution	320 x 240 pixels
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	Data and charging interface	USB Type-C (support charging and data transmission)