



THERMAL IMAGING CAMERA METERS BMET-103

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Thermal imaging cameras are non-contact devices used to capture detailed images in low-light environments. It works by detecting infrared energy (heat) which interprets temperature as colour and converting it into an image in real-time. Red and yellow colours depicts warmer areas and purple or blue colours depict cooler areas.

BMET-103 THERMAL IMAGING CAMERA METERS



SPECIFICATIONS

| Model | BMET-103 |
|--|---|
| Display screen | 3.5 "full angle TFT display screen |
| Infrared image resolution | 320x240 |
| visible image resolution | 300,000 pixel |
| Field angle/shortest focus length | 56°x 42°/ 0.15 m |
| Thermal sensitivity | 0.07 °C |
| Temperature measurement range | -20°C to 450°C (-4°F to 854°F) |
| Measurement accuracy | ±≤100 °C ±2 °C ; 100-300 °C ± 2 % ; ≥300 °C ± 3 % |
| Emissivity | Adjustable from 0.01 to 1.0 |
| Frame rate of thermal images | 9 Hz |
| Wavelength coverage | 8-14 um |
| 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 20 thousand image stored) |
| File format | JPG |
| USB | Micro USB 2.0 |
| Power supply | Built-in rechargeable 26650 battery |
| Automatic power-off time | Selectable: 5 minutes/20 minutes/not power off automatically |
| Product size (length x width x height) | 97 mm x 129 mm x 256 mm |
| Work temperature | 0 °C to 45 °C |
| Storage temperature | - 20 °C to 60 °C |
| Relative humidity | < 85 % RH |



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