



# 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.



## 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°x42° / 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 µm
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 images stored)
File format	JPG
USB	Micro USB 2.0
Power supply	Built-in rechargeable 26650 battery
Automatic power-off time	Selectable: 5 min / 20 min / not power off automatically
Product size (LxWxH)	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
Alt Name	Thermal Imaging Camera Meters



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