BioLAB

PRODUCT CATALOG

THERMAL IMAGING CAMERA METERS BMET-102

CE ISO9001 CERTIFIED

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THERMAL IMAGING CAMERA METERS BMET-102

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-102 THERMAL IMAGING CAMERA METERS

SPECIFICATIONS

Model	BMET-102
Display screen	3.2 ”full angle TFT/display screen
Infrared image resolution	220x160
visible image resolution	300,000 pixel
Field angle/shortest focus length	27°x35°/0.15 m
Thermal sensitivity	0.07 °C
Temperature measurement range	-20 °C~300 °C (-4 °F~572 °F)
Measurement accuracy	± 2 % digital/± 2 °C
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 18650 battery
Automatic power-off time	Selectable: 5 minutes/20 minutes/not power off automatically
Product size (length x width x height)	90x105x223 mm
Product weight	389 g
Work temperature	0 °Cto 45 °C
Storage temperature	-20°C to 60°C
Relative humidity	< 85 % RH

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