LABSTAC

THERMAL IMAGING CAMERA METERS MET11-14

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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.

MET11-14 THERMAL IMAGING CAMERA METERS

SPECIFICATIONS

Model	MET11-14
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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