

# 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



Product Image Coming Soon

### 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	$\pm \leq 100\text{ }^{\circ}\text{C} \pm 2\text{ }^{\circ}\text{C}$ ; $100-300\text{ }^{\circ}\text{C} \pm 2\text{ \%}$ ; $\geq 300\text{ }^{\circ}\text{C} \pm 3\text{ \%}$
Emissivity	Adjustable from 0.01 to 1.0
Frame rate of thermal images	9 Hz
Wavelength coverage	8-14 $\mu\text{m}$
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 × width × height)	97 mm × 129 mm × 256 mm
Work temperature	0 °C to 45 °C
Storage temperature	- 20 °C to 60 °C
Relative humidity	< 85 % RH





**Biozef**

82 Wendell Avenue, STE 100, Pittsfield, MA, 01201, USA  
Email: [info@biozef.com](mailto:info@biozef.com) | Website: [biozef.com](http://biozef.com)