LABSTAC

THERMAL IMAGING CAMERA METERS

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THERMAL IMAGING CAMERA METERS

Used in Electrical/Mechanical Inspection, Automation Applications, Preventative & Predictive Maintenance, Research & Development.
Also known as Thermal Camera.

MET11 THERMAL IMAGING CAMERA METERS

SPECIFICATIONS

Model	MET11-15	MET11-07	MET11-14
Display	2.4 " Color display	-	-
Resolution	60x60	-	-
Total pixels	3600	-	-
FOV/Shortest focal length	20°x20°/0.5 m	-	-
Thermal sensitivity	0.15 °C	0.07 °C	
Measuring mode	Infrared focal plane measuring temperature	-	-
Temperature range	-20 °C~300 °C (-4°F~572°F)	-	-
Measuring accuracy	± 2% digital/± 2°C	-	-
Wavelength range	8~14 μm	-	-
Image frequency	6 Hz	-	-
Emissivity	0.1-1.0 Adjustable	Adjustable from 0.01 to 1.0	
Focus Mode	Fixed	-	-
Palette	Iron colon,rainbow,black and white	-	-
Image Storage	card(4G)	-	-
File Format	bmp	-	-
Set control	unit adjustment/Language/date time /Format/automatic shutdown	-	-
Battery type	4*AA alkaline batteries	-	-
Operating temperature	5°C~40°C	-	-
Storage temperature	- 20 °C~ 50 °C	-20°C to 60°C	- 20 °C to 60 °C
Humidity	10% RH to 80% RH	-	-
Vibration	2G,IEC 60068-2-6	-	-
Size	230x80x52 mm	-	-
Weight	320 g	-	-

Waterproof rating	IP65	-	-
Display screen	-	3.2 "full angle TFT/display screen	3.5 "full angle TFT display screen
Infrared image resolution	-	220x160	320x240
visible image resolution	-	300,000 pixel	
Field angle/shortest focus length	-	27°x35°/0.15 m	56°x 42°/ 0.15 m
Temperature measurement range	-	-20 °C~300 °C (-4 °F~572 °F)	-20°C to 450°C (-4°F to 854°F)
Measurement accuracy	-	± 2 % digital/± 2 °C	±≤100 °C ±2 °C ; 100-300 °C ± 2 % ; ≥300 °C ± 3 %
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	Rainbow, iron oxide red, cold color, black & white, white & black
View option	-	The integration of thermal image with 25% step length and visible image.	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	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)	-	90x105x223 mm	97 mm x 129 mm x 256 mm
Product weight	-	389 g	-
Work temperature	-	0 °Cto 45 °C	0 °C to 45 °C
Relative humidity	-	< 85 % RH	

MET11-15

MET11-07

MET11-14

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