

DT-867/867B

Professional InfraRed 32 x 32 pixels Imager Thermometer

CEM

867/867B are the Professional InfraRed 32x32 pixels Imager Thermometers with 2.0" color TFT LCD display, 32x32 pixels Imagers for capturing images(BMP) for viewing on your PC, providing fast, easy and accurate readings for most surface temperature measurements.

2.2" TFT Color LCD display

32x32 Pixels IR images



Model 867B

CE
EMC
EN: 61326-1
EN: 61010-1

Features

2.0" TFT 320x240 Pixels color LCD display
IR temperature measurement with resolution 32x32 pixels
Image Capture Frequency 7Hz
Thermal Sensitivity (NETD) ≤100 mK
Hot Spot and Cold Spot Tracking
Visual Camera & Images Capture(BMP)
Date/time setup controls, Adjustable emissivity & trigger lock
Li-ION rechargeable battery (867 only)
3x "AAA" batteries (867B only)
USB interface to PC.
Language selection: English, Chinese
IP54 waterproof level

Specifications

Imaging and optical data	
Thermal sensitivity (NETD)	0.10°C (0.18°F) @ 1Hz and 100°C
Image frequency	7Hz
Detector data	
Detector type	Uncooled hyper-thin pyroelectric ceramic
Spectral range	8–14μm
IR resolution	32 × 32 pixels
Display	2.0" TFT 320x240 pixels color LCD display
IR temperature Measurement	
Object temperature range	-20°C to +600°C (-4°F to +1112°F)
Accuracy	±3°C (±5.4°F) or ±2% of reading
Spotmeter	Center spot
Emissivity adjustable	0.10~1.0 Adjustable
Field of View	33° x 33°
Color palettes	GREY/GREY IRON/ IRON/RAINBOW
Image storage format	Standard BMP, including measurement data, on drive > 100 pictures

Size(HxWxD): 175mm x 58mm x 70mm **Weight:** 350g

Accessories: 3.7V Li battery (867), 3x "AAA" batteries (867B), USB cable, Carrying case and Gift box

