





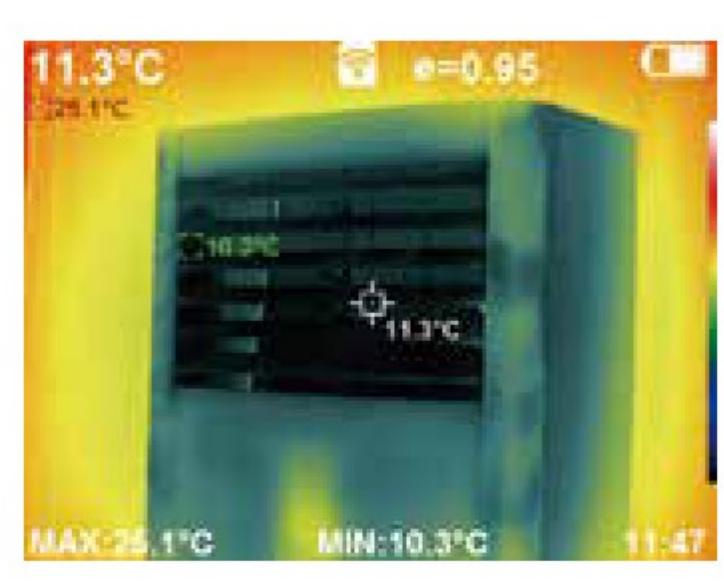
E100

Infrared thermal imaging cameras are widely used in many fields such as medical, public security, fire protection, archaeology, transportation, agriculture and geology. It is an ideal choice for electricians and maintenance technicians to quickly locate problem areas.

Handheld Thermal Imaging Camera

- Wavelength coverage:8~11.5μm
- Field angle/focus length:33°× 33°/ 0.5m
- Center point/hot and cold spot tracking





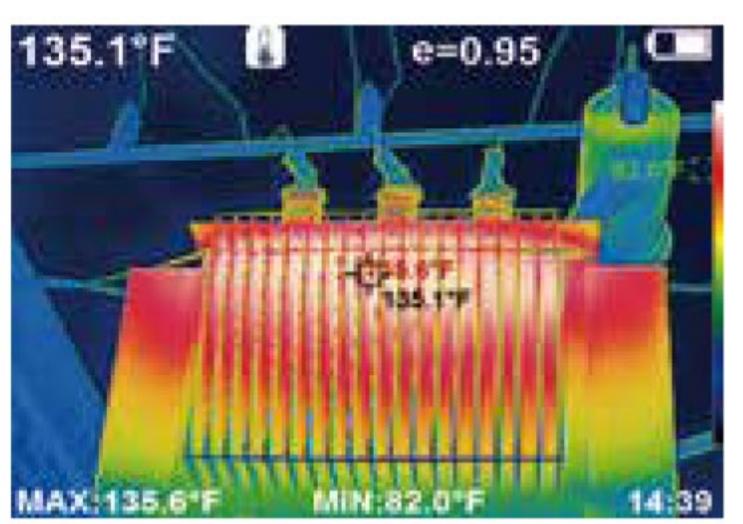
Model		E100				
Displayscreen	2.4" color screen					
Infrared image resolution	32×32					
Total pixels	1024					
Field angle/focus length	$33^{\circ} \times 33^{\circ} / 0.5 m$					
IFOV						
Pixelspacing						
Frame rate	6Hz					
Focusing mode	Fixed					
NETD	≤15mK@25°C,F#1.0					
Wavelengthcoverage	8~11.5μm					
Emissivity	Adjustable from 0.01 to 1.0					
Color palette	Rainbow, iron oxide red, cold color, white hot, black hot					
Measuringrange	-20°C~+300°C(-4°F~1022°F)					
Accuracy	±2°C/±2%					
Setting	Unit、Language、Date、Time、Information					
Language	English					
Storage capacity	SD card (4G)					
File format	bmp					
Powerinterface	Micro USB 2.0					
	Specifications					
Batterytype	4 alkaline AA batteries	Batterycapacity	-			
Worktemperature	-5°C~+40°C	Workingtime	_			
Storage temperature	-20°C~+50°C	Productsize	212×95×62mm			
Relative humidity	10 % RH to 80 % RH	Productweight	320g			

E110/E120/E160

Infrared thermal imaging cameras are widely used in many fields such as medical, public security, fire protection, archaeology, transportation, agriculture and geology. It is an ideal choice for electricians and maintenance technicians to quickly locate problem areas.

- 2.8-inch full-view TFT display
- Wavelength coverage:8~14μm







Model	E120	E110	E160	
Displayscreen	2.8"TFT displayscreen	2.8"TFT display screen	2.8"TFT displayscreen	
Infrared image resolution	120×90	80×60	160×120	
Visible image resolution	640×480	640×480	640×480	
LCD resolution	320×240	320×240	320×240	
Field angle/focus length	26°× 19°/3.2mm	17°× 13°/3.2mm	35°× 26°/3.2mm	
IFOV	3.75mrad			
Pixel spacing	12um			
Frame rate	25Hz			
Focusing mode	Fixed			
NETD	≤50mK@25°C,@ F/1.1			
Wavelengthcoverage	8~14μm			
Emissivity	Adjustable from 0.01 to 1.00			
Color palette	Rainbow, iron oxide red, cold color, white hot, black hot			
Measuringrange	-20°C~+550°C(-4°F~1022°F)			
Accuracy	-15°C~550°C ±2°C~±2%; -20°C~-15°C ±4°C			
Setting	Unit、Language、Date、Time、Information			
Language	Chinese、English、German、Italian			
Storage capacity	Built -in 4G eMMC (user available storage space is about 3G)			
File format	JPG/MP4			
Powerinterface	Micro USB 2.0			
Specifications				
Batterytype	Built-in 18650 battery	Batterycapacity	2000mAh	
Worktemperature	0°C to +45°C (32 °F to 113 °F)	Workingtime	2~3 hours	
Storage temperature	-20°C to +60°C (-4°F to 140°F)	Product size	96×72×226mm	
Relative humidity	10% to 85%RH (non-condensing)	Product weight	375g	

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