

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.

- 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°× 33°/ 0.5m		
IFOV	-		
Pixel spacing	-		
Frame rate	6Hz		
Focusing mode	Fixed		
NETD	≤15mK@ 25°C,F#1.0		
Wavelength coverage	8~11.5μm		
Emissivity	Adjustable from 0.01 to 1.0		
Color palette	Rainbow, iron oxide red, cold color, white hot, black hot		
Measuring range	-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		
Power interface	Micro USB 2.0		
Specifications			
Battery type	4 alkaline AA batteries	Battery capacity	-
Work temperature	-5°C~+40°C	Working time	-
Storage temperature	-20°C~+50°C	Product size	212×95×62mm
Relative humidity	10% RH to 80% RH	Product weight	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 displayscreen	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	12μm		
Frame rate	25Hz		
Focusing mode	Fixed		
NETD	≤50mK@ 25°C,@ F/1.1		
Wavelength coverage	8~14μm		
Emissivity	Adjustable from 0.01 to 1.00		
Color palette	Rainbow, iron oxide red, cold color, white hot, black hot		
Measuring range	-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		
Power interface	Micro USB 2.0		
Specifications			
Battery type	Built-in 18650 battery	Battery capacity	2000mAh
Work temperature	0°C to +45°C (32 °F to 113 °F)	Working time	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