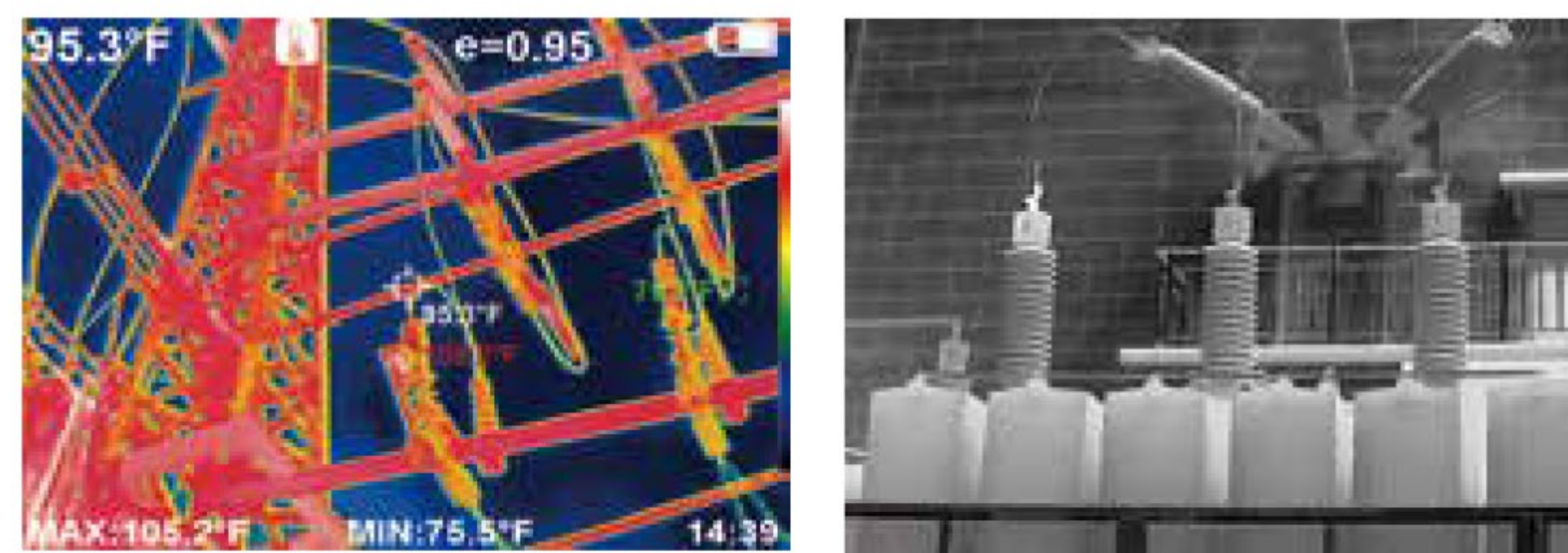




E384 / E640

Infrared thermal imagers have important applications in many fields such as medical treatment, public security, fire protection, archaeology, transportation, agriculture and geology.

- 3.5-inch full-view TFT display
- Support WIFI
- Infrared image resolution 384*288
- Frame rate 25Hz



Model	E384	E640	
Displayscreen	3.5"full angle TFT displayscreen	3.5"full angle TFT displayscreen	
Infrared image resolution	384×288	640×512	
LCD resolution	640×480	640×480	
Field angle/focus length	28.4°× 21.4°/ 13mm	32.9°× 26.6°/ 13mm	
I FOV	1.3mrad	1.3mrad	
Pixel spacing	17um		
Frame rate	25Hz/50Hz		
Focusing mode	Manual focus		
NETD	≤60mK@ 25°C,F#1.0		
Wavelength coverage	8~14μm		
Emissivity	Adjustable from 0.01 to 1.0		
Color palette	Rainbow, iron oxide red, cold color, white hot, black hot		
WIFI	Support		
Measuring range	-20°C~550°C (-4°F~1022°F)		
Accuracy	±3%		
Setting	Unit, Language, Date, Time, Information		
Language	Chinese, English, German, Italian		
Storage capacity	Built-in 8G (Actually available 6.6G)		
File format	JPG		
Power interface	Micro USB 2.0		
Specifications			
Battery type	Built-in 26650 battery	Battery capacity	5000mAh
Work temperature	0°C~45°C	Working time	3~4 hours
Storage temperature	-20°C~60°C	Product size	256×97.2×128.9mm
Relative humidity	<85 % RH	Product weight	600g

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.

- Unit, Language, Date, Time, Information
- Wavelength coverage: 8~14μm



Model	E100		
Displayscreen	2.0" color screen		
Infrared image resolution	32×32		
Total pixels	1024		
Field angle/focus length	33°× 33°/ 0.5m		
I FOV	-		
Pixel spacing	-		
Frame rate	5Hz~6Hz		
Focusing mode	Fixed		
NETD	≤50mK@ 25°C,F#1.0		
Wavelength coverage	8~14μm		
Emissivity	0.95		
Color palette	Iron red, white hot		
Measuring range	-20°C~+300°C(-4°F~572°F)		
Accuracy	±2°C/±2%		
Setting	Unit, Language, Date, Time, Information		
Language	Chinese, English		
Storage capacity	1MB		
File format	bmp		
Power interface	Micro USB 2.0		
Specifications			
Battery type	3.7V Li-Ion Battery	Battery capacity	-
Work temperature	-0°C~50°C	Working time	-
Storage temperature	-10°C~+50°C	Product size	165×69×60mm
Relative humidity	<85 % RH	Product weight	135g