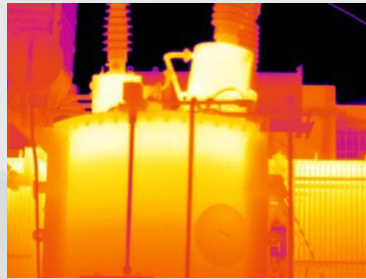
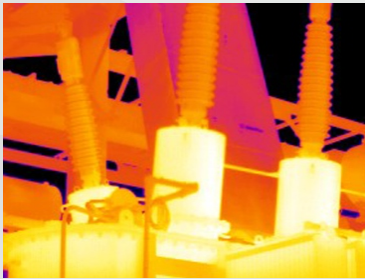


# S-150

## SMART THERMAL IMAGING CAMERA

### Salient Features:

- IR detector resolution 160x120 pixels
- Support center spot, auto-hot/auto-cold measurement mode
- Measurement range: -20°C to 550°C
- Measurement accuracy:  $\pm 2^{\circ}\text{C}$  or 2% of readings
- IP54 and 2 meters drop resistance
- 8 hour battery life



160000  
images

25Hz  
Scan Rate



160x120  
pixels

2.5 inch  
screen



-20°C to  
550°C





<b>Model</b>	<b>S-150</b>
<b>Image Performance</b>	
FOV/Min. focus distance	50°x 38.3°/15cm
Spatial resolution	5.4mrad
NETD	≤0.05C@30°C
Detector type	UFPA
Detector resolution	160x120
Spectral range	7.5 to 14μm
Focus	Fixed focus
<b>Image Presentation</b>	
Image mode	IR only
LCD display	2.4 inch LCD screen (320x240)
Framerrate	25Hz
<b>Temperature Measurement</b>	
Measurement range	-20°C to 550°C
Accuracy	2°C or ±2% of readings
Measurement mode	Center spot, auto-hot/auto-cold
Correction	Emissivity, distance
Palette	Iron/White hot/Black hot/Rainbow
<b>Image storage</b>	
Type	8GB Micro SD card, up to128G(optional)
Image format	JPEG
<b>Power system</b>	
Battery type	Rechargeable li-ion battery
Battery operating time	8 hours
Power interface	Micro USB direct charge
Working voltage	DC 5V
<b>Environment specification</b>	
Operating temperature range	-10°C to +50°C
Storage temperature range	-40°C to +70°C
Humidity	10% to 95%, non-condensing
Encapsulation	IP54
Shock	25G
Vibration	2G
Drop resistance	2m
<b>Physical characteristic</b>	
Dimension	96mmx78mmx59mm
Weight	350g (Including battery)
Tripod mounting	1/4" _20
<b>Additional features</b>	
Laser Pointer	Yes