

MinIR

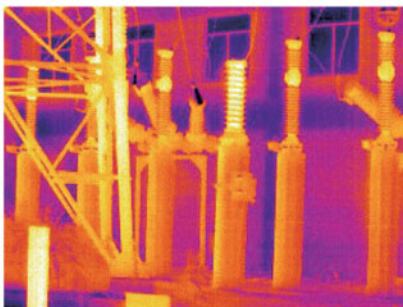
Thermal Cameras



- High performance UFPA detector
- Innovative ergonomic upright design
- Brand new user interface
- Intuitive and fast temperature measurement functions
- Li-on battery for 3 hours continuous operation
- Large capacity, storage upto 16Gb
- Standard MinIR analysis software

MinIR Thermal Cameras

MinIR Thermal Camera is the third generation upright camera launched by SATIR.



MinIR80/100 Specification		
Type	MinIR80	MinIR100
Image performance		
FOV/Min.focus distance	10° x 7.5°/0.1m	12.5° x 9.4°/0.1m
Thermal sensitivity	0.08°C@30°C	
Detector type	UFPA	
Resolution	80x60	100x80
Spectral range	8-14µm	
Focus	Manual	
Spatial resolution	2.2mrad	
Image presentation		
Image mode	IR Only	
LCD Display	2.5" TFT screen	
Temperature measurement		
Measurement range	-20°C to 250 °C	
Accuracy	±2°C, ±2% of readings	
Measurement mode	Fixed center spot, auto hot/cold spot, adjustable temperature alarm	
Settings	Time / pseudo colour / languages	
Correction	Emissivity, ambient temperature, distance, relative humidity	
Image storage		
Type	Removable 2 Gb SD, upto 16Gb	
File format	.MIR	
Battery system		
Battery type / Operation	Rechargeable lithium batteries / 3 hours	
Working voltage	DC 8V-11V	
Power-saving mode	Sleep mode	
Environment specification		
Operating temperature	-15°C to +50°C	
Storage temperature	-40°C to +70°C	
Humidity	95%, non-condensing	
Encapsulation	IP54	
Shock / Vibration	25G/2G	
Physical characteristic		
Weight	< 500g (with battery)	
Size	172mm x 80mm x 162mm	
Software		
MiniReport	Standard Version	

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