

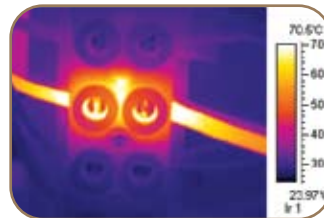
# S120

- ▶ Ergonomic design, robust & easy to use
- ▶ Full radiometric measurement up to 250° C
- ▶ Records up to 1000 images!
- ▶ Unique tilting 2.5" LCD screen for easy inspection in any direction plus TFT screen for dual information
- ▶ Point and shoot format
- ▶ Versatile fast USB connectivity

Easy to use and measuring temperatures of up to 250°C, the S120 delivers crisp thermal imaging and precise measurement.

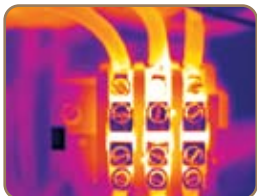
With 2.5 hours of battery operation time, power save mode, a large image storage capacity and a "point & shoot" functionality, this camera provides convenient and efficient, interruption free usability in a wide range of electrical and industrial applications.

The additional functionality of the dual display means you can easily check temperatures without even opening the high resolution 2.5" colour LCD screen.



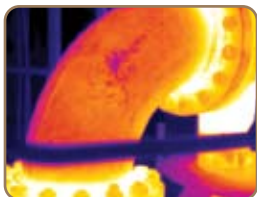
Shown with optional narrow view lens

## Applications



### Electrical Systems Inspection

Electrical faults or potential problems are easy to detect using infrared to identify heat anomalies, helping you reduce downtime, prevent costly failures and saving time and money.



### Pipework & Insulation

The S120 allows you to detect wear and tear in pipework and insulation without using destructive testing! Use the S120 to find hot and cold spots, enabling you to fix the problem before it occurs.



### Mechanical Systems Inspection

Potential mechanical faults can be easily detected with infrared, and with a video rate refresh rate, the S120 can accurately capture images and temperatures, even when the object is moving or rotating.



### Building Inspection

The S120's impressive level of resolution and thermal sensitivity, makes it an economical choice when looking to detect small temperature variations over large areas.

## Specifications

Detector type	Uncooled FPA microbolometer
Resolution	160 x 120 focal plane array
Thermal Sensitivity	≤ 120mk at 30°C
Frame Rate	50Hz - 60Hz (video rate)
Electronic Zoom	None
Display	2.5" high resolution colour LCD screen
On Screen Indicators	Movable centre point
Storage	Store up to 1000 images
Temperature Range	-20° C to 250° C
Accuracy	± 2° C or ± 2% of reading
Field of View	20° x 15°
Battery Operating Time	2 hours continuous operation
Interfaces	USB & Video
Weight	700g including battery & std lens
Size	211 mm x 80mm x 195mm
Colour Palettes	5 Palettes (incl rainbow, iron, B&W etc)
Software	SAT Report 2005
Warranty	12 months

[www.ipi-infrared.com](http://www.ipi-infrared.com)

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