

MOBIR M2

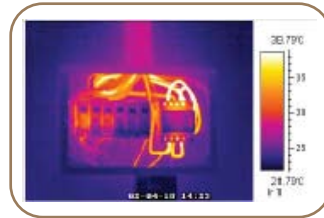
- ▶ Ultra compact, robust & easy to use
- ▶ Full radiometric measurement
- ▶ Advanced on-board image processing
- ▶ Integrated alarming, hot spot tracing and laser locating
- ▶ Digital image storage with voice recording
- ▶ Versatile fast USB connectivity

Small, light and versatile the MOBIR M2 sets a new standard in cost-effective infrared imaging.

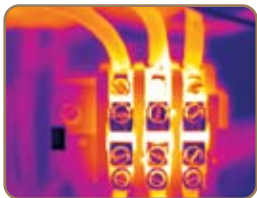
The MOBIR M2 features impressive imaging performance, precise full screen temperature measurement, efficient image processing and plug & play USB connectivity.

A digital image with voice recording allows you to detail problem areas, saving time and money.

The easy to use, professional software generates reports and views images in five different colour palettes, providing you with all the tools you need to archive, organise and analyse your infrared images.

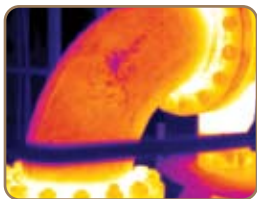


Applications



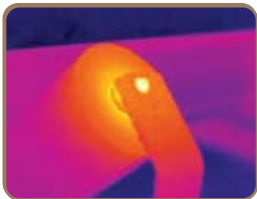
Electrical Systems Inspection

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 MOBIR M2 allows you to detect wear and tear in pipework and insulation without using destructive testing! Use the MOBIR M2 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 M2 can accurately capture images and temperatures, even when the object is moving or rotating.



Building Inspection

The MOBIR M2'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	<i>Uncooled FPA microbolometer</i>
Resolution	<i>120 x 120 focal plane array</i>
Thermal Sensitivity	<i>≤ 120mk at 30°C</i>
Frame Rate	<i>Video rate 50Hz</i>
Electronic Zoom	<i>x 2</i>
Display	<i>2.2" colour LCD screen</i>
On Screen Indicators	<i>Hot spot & centre point</i>
Storage	<i>Store up to 100 images</i>
Temperature Range	<i>-20° C to 250° C</i>
Accuracy	<i>± 2° C or ± 2% of reading</i>
Field of View	<i>13.5° x 13.5°</i>
Battery Operating Time	<i>Over 2 hours continuous operation</i>
Interfaces	<i>USB, Audio & Video</i>
Weight	<i>265g including battery - very light weight</i>
Size	<i>120mm x 60mm x 30mm (std model)</i>
Colour Palettes	<i>5 Palettes (incl rainbow, iron, B&W etc)</i>
Software	<i>IR Analyser</i>
Warranty	<i>12 months</i>

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