

## **News Release**

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Location: Northampton, UK.

### **New IRISYS camera takes guesswork out of thermal imaging.**

A new thermal imaging camera that takes the guesswork out of temperature measurement, by fusing visual and thermal images on to the same screen, has been launched to meet the needs of electrical contractors, maintenance engineers, HVAC professionals, energy inspectors and auditors, and engineers in construction and the automotive industry.

The IRI 2010 is the first in a new range of British designed and manufactured thermal imaging cameras produced by Northampton-based thermal imaging specialists Irisys, who have spent 18 months developing the technology that will give tradesmen an invaluable tool for temperature and hot/cold spot detection for around £2,000.

It will be ideal for engineers seeking to identify problems with wiring, fuses, resistors, overheating mechanical equipment, including worn bearings, as well as heat loss through ill fitting windows and doors, and poor building insulation.

Two temperature measurement points are provided to enable the user to accurately, and easily, pin point hot (or cold) spots. The strengths of the two images may be blended for ease of interpretation of the data presented, and rapid identification of potential faults.

With temperature measurement parameters ranging from -10°C to 350°C, and a recording accuracy of +/- 2% / 2°C, the IRI 2010 is ideal for most applications, but particularly predictive maintenance programs.

The ease of temperature troubleshooting is enhanced by the incorporation within the unit of an audio facility that enables the operator to attach a voice tag to an image, that can verbally describe and record data associated with the thermal and visual images for later play back. Pre setting of high and low parameters, automatically invokes audio and visual alarms for instant identification of equipment operating outside its defined temperatures, user defined thresholds, or other abnormal conditions.

The lightweight, robust rubber and plastic enclosure of the 2010, houses a 1,000-image SD card, a rechargeable six-hour battery, a laser pointer for positional accuracy of the camera, head phone socket, and a USB point for the down load of images to computer and subsequent analysis and report generation. It may be used with or without a handle, and meets IP54 standard for water and dust ingress.

The bright, back-lit 3½ inch screen displays clear images in landscape format in eight different selectable colour pallets for ease of viewing. Ease of operation is achieved by the icon-driven menu structure, and no specialist training is required.



As the multi-language imager is the lowest priced thermal imaging/visual camera combination of its type in the world, Irisys is expecting demand from its international network of distributors to be so great it has upgraded its production facility in Northampton for high volume manufacture of the IRI 2010.

**About Irisys**

InfraRed Integrated Systems Ltd. specializes in the development and manufacture of intelligent infra-red detectors used in people counting, queue management, thermal imaging, healthcare and security applications. Founded in 1996, Irisys is based in Northampton, UK with offices in the US. For more information, visit [www.irisys.co.uk](http://www.irisys.co.uk).

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