InfraCAM™ Press release

Safe, non-contact electrical inspections within reach : FLIR Systems launches low priced infrared camera - InfraCAM

FLIR Systems opens up the infrared thermography market by introducing the InfraCAM™, a new handheld thermal imaging camera for electrical inspections.

Infrared thermography has become a full-fledged, standardized non-destructive and non-contact monitoring and diagnosis tool for a wide range of industrial applications. Infrared cameras detect, spot and measure heat, which develops in virtually all electric applications prior to a system failure. Consequently, when applied on a regular basis, thermal imaging avoids cost-intensive failures and major equipment or plant damage.

FLIR Systems' new InfraCAM is a small, handheld, easy-to-use, very affordable but rugged infrared camera. It offers temperature measurement, image storage and analysis. The InfraCAM's uncooled focal plane array of 120 x 120 pixels provides a good-quality thermal image which is displayed on the camera's large and bright 3.5" LCD display. A choice of color palettes is available. The InfraCAM has a fixed measurement spot in the middle of the image and comes with a fixed lens which suits the majority of applications. The camera measures temperatures from -10ºC to +350°C and detects temperature differences as small as 0.20°C.

InfraCAM - ergonomic, light weight (550 g) and very easy to handle and to operate.
The InfraCAM is controlled by only four buttons and a joystick, allowing the user to produce his first thermal images within minutes. In addition, the InfraCAM has a built-in Laser LocatIR to enable the operator to associate a hot spot in the infrared image with the real physical target, easily and safely. This enhances user safety by eliminating the tendency to 'finger point' at problems in electrical environments. Dust- and watersplash proof (IP 54 standard), the camera is suitable for both indoor and outdoor use. A long-life battery ensures more than 7 hours of uninterrupted inspection.

The InfraCAM stores 50 infrared images in its internal memory. Images can easily be downloaded to a PC and inserted directly into standard Windows programs such a Word, Excel and PowerPoint. The InfraCAM package includes the ThermaCAM QuickView software which allows for basic post-analysis of the captured IR images and the creation of simple reports in PDF format.

Its list price will enable smaller businesses to benefit from the advantages of infrared thermography. Thanks to the InfraCAM, thermography will become accessible to electrical contractors, smaller manufacturing facilities and electricians. The InfraCAM also enables these camera users to clearly document their inspections with thermal images, showing their customers the exact problem and proving them that it has been repaired correctly.

"A critical issue in purchasing an infrared camera has always been its price." says Guy Pas, FLIR Systems Thermography Division's Vice President Sales and Marketing Europe and Asia. "Now, we offer the InfraCAM, a camera which is extremely affordable and will find its way to many more businesses and users. It will allow them to benefit from the advantages infrared has to offer and to significantly expand their range of services."

The InfraCAM is worldwide available for delivery as of February 15, 2006.

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About infrared thermography
Thermal imaging, also called thermography, is the production of non-contact infrared or "heat" pictures from which temperature measurements can be made. By detecting anomalies often invisible to the naked eye, thermography allows corrective action before costly system failures occur. Portable infrared cameras scan equipment and structures, then instantly convert the thermal images to pictures for monitoring or quantitative temperature analysis.

Thermal imaging has evolved into one of the most valuable diagnostic tools for Predictive Maintenance. It increases plant efficiency and maximizes safety in many industrial environments including electrical generating and manufacturing facilities.

About FLIR Systems
FLIR Systems is the world leader in the design and manufacturing of infrared thermography cameras. It has over 40 years of experience and more than 40,000 infrared cameras currently in use worldwide for applications including predictive maintenance, research & development, non-destructive testing, process monitoring and automation, machine vision and many others. FLIR Systems has four manufacturing plants located in the USA (Portland, Boston and Santa Barbara) and Stockholm, Sweden and operates direct sales offices in Belgium, France, Germany, Italy, the United Kingdom, Hong Kong, Beijing, Shanghai, Guangzhou and Tokyo. The company employs over 1,300 dedicated infrared specialists, and serves international markets through a network of more than 60 regional offices providing sales and support functions.

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