Press release

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FLIR Systems introduces Multi Spectral Dynamic Imaging (MSX)

Innovative feature for extremely detail rich thermal images

FLIR Systems launches a high technological feature: Multi Spectral Dynamic Imaging (MSX). This new feature produces an extremely detail rich image. MSX produces better texture in a thermal image. Thanks to this new feature more anomalies can be detected, analyses can be done more detailed and conclusions can be drawn in a split second.

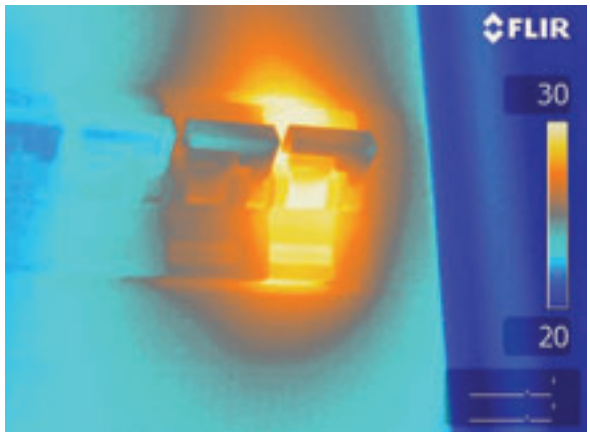
Multi Spectral Dynamic Imaging (MSX)
This new, patent-pending technology is based on FLIR's unique onboard processor that provides extraordinary thermal image details in real time. MSX incorporates real-time thermal video enhanced with visible spectrum definition. It produces exceptional thermal clarity to highlight exactly where the problem is. MSX ensures easier target identification without compromising radiometric data. The quality of the thermal images is excellent. There is almost no need anymore for a separate digital image.

FLIR's new MSX embosses digital camera detail onto thermal video and stills.

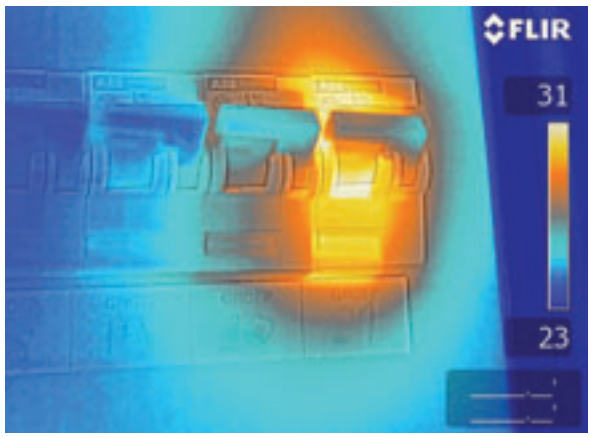
Instant results in real-time
Due to the new MSX feature, thermal images look sharper, the orientation of the target will be done quicker, the reports are clutter-free and it ensures a faster route to solutions.

Users can see the results of MSX technology directly on the touchscreen of the camera, in real time.

Range of FLIR thermal imaging cameras with MSX
The following FLIR thermal imaging cameras incorporate MSX: FLIR T440, FLIR T440bx, FLIR T640 and FLIR T640bx.



Thermal image of an overheated fuse.



Thermal image of the same overheated fuse, now using the MSX-setting. Note that the text below the fuse is readable, making it very easy to identify and repair the correct fuse at a later stage.

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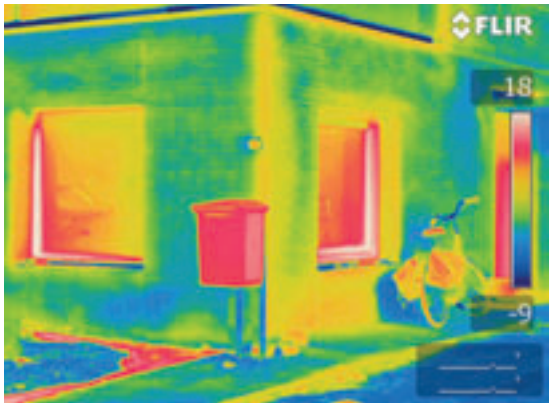
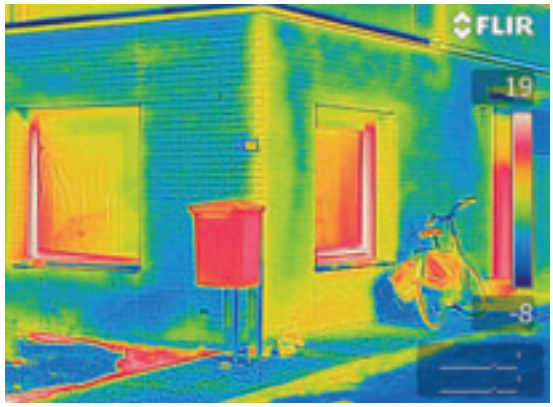
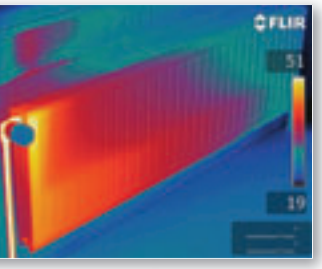


Thermal image of a building.



Thermal image of the same building, now using the MSX-setting. Note that more details are visible, making it easy to locate ventilation grids and see brick structure. The MSX feature gives depth to your thermal image.



About thermal imaging

Thermal imaging is the use of cameras constructed with specialty sensors that "see" thermal energy emitted from an object. Thermal, or infrared energy, is light that is not visible to the human eye because its wavelength is too long to be detected. It's the part of the electromagnetic spectrum that we perceive as heat. Infrared allows us to see what our eyes can not. Thermal imaging cameras produce images of invisible infrared or "heat" radiation. Based on temperature differences between objects, thermal imaging produces a clear image. It is an excellent tool for predictive maintenance, building inspections, research & development and automation applications. It can see in total darkness, in the darkest of nights, through fog, in the far distance, through smoke. It is also used for security and surveillance, maritime, automotive, firefighting and many other applications.

About FLIR Systems

FLIR Systems is the world leader in the design and manufacturing of thermal imaging cameras for a wide variety of applications. It has over 50 years of experience and thousands of thermal imaging cameras currently in use worldwide for industrial maintenance, building inspections, research & development, security and surveillance, maritime, automotive and other night-vision applications. FLIR Systems has eight manufacturing plants located in the USA (Portland, Boston, Santa Barbara and Bozeman), Stockholm, Sweden, Talinn, Estonia and near Paris, France. It operates offices in Australia, Belgium, Brazil, China, Dubai, France, Germany, Hong Kong, Italy, Japan, Korea, the Netherlands, Russia, Spain, UK and the USA. The company has over 3,200 dedicated infrared specialists, and serves international markets through an international distributor network providing local sales and support functions.

More about FLIR Systems and our products can be found at www.flir.com

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