

MoviTHERM introduces IoT-ready Thermal Smart Camera

MoviTHERM – Advanced Thermography Solutions announces today the introduction of a new breed of IoT-ready Thermal Smart Cameras to the North American Market.

IRVINE, CA, USA, December 10, 2018 /EINPresswire.com/ -- [MoviTHERM](#), a leading US distributor for the new [IRSX Smart Thermal Camera](#) (from Automation Technology GmbH, Germany), is excited to offer a vastly more capable, non-contact alternative to the conventional RTD and thermocouple sensors of the past. The IRSX Series of smart cameras offer a slew of industrial and web-technology based communication protocols, making them a perfect candidate for IoT (Internet of Things) applications. By eliminating the need for a PC and thermal imaging software, system complexity and associated costs are reduced. Camera setup and configuration is all done via standard web browser.



The need for sensing heat or measuring temperature in manufacturing processes is not new. A multitude of temperature sensing solutions are available and have been around for decades. Traditionally, wired temperature sensors, such as thermocouples or RTDs did this job. However, sensors of these types must be in contact with the medium or part that needs to be measured, which is not always desirable or even possible. Additionally, thermocouples and RTDs only provide a very localized temperature measurement. Things become even more challenging, when the product to be measured is in motion.

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The IRSX Smart Thermal Camera really is a game-changer, providing all the benefits of a thermal camera, with the flexibility of IoT integration.”

Markus Tarin, President & CEO, MoviTHERM

Thermal Cameras address these challenges and provide a non-contact method of temperature sensing from a safe distance. The image detector of these cameras is made up from thousands of temperature-sensing pixels, thus providing much more insight to temperature distribution and behavior.

IRSX Cameras are available in two different sensor resolutions, the IRSX-336 with 336 x 256 pixels and the IRSX-640 with 640 x 512 pixels. Both camera models come in a rugged aluminum enclosure with IP67 protection. A large selection of lens options, from super wide angle to

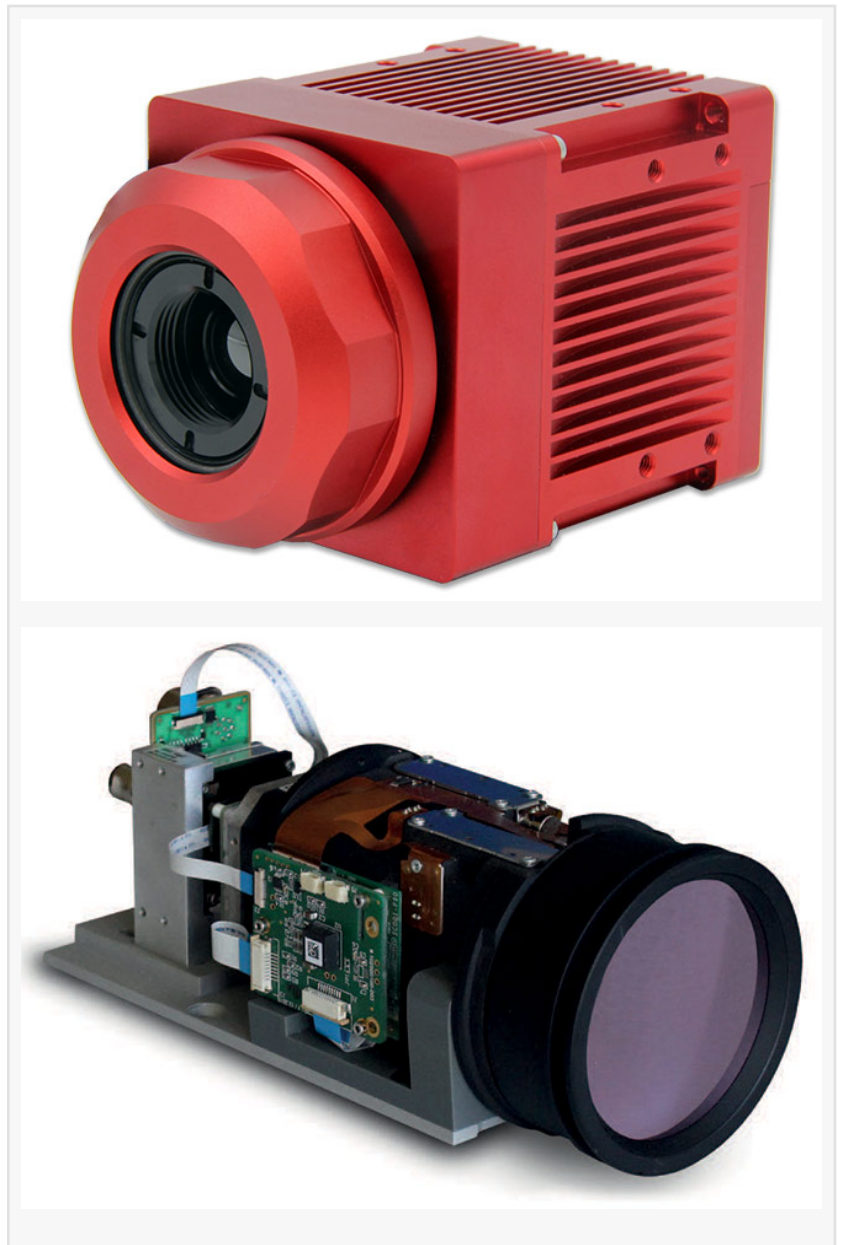
telephoto, assures the perfect fit for just about any application. An open frame camera option for customer specific designs and OEMs round up the offering.

The cameras are competitively-priced, which makes them perfect candidates for a variety of industrial applications, such as machine condition monitoring, package seal inspection, continuous web monitoring, gas flare monitoring, hot glue verification, in process hot gas and infrared weld monitoring, [non-destructive testing](#) and many more.

MoviTHERM offers free application consulting for customers interested in implementing these smart cameras or other thermal imaging solutions.

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