

NEWS RELEASE

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For Immediate Release

Sierra-Olympic Introduces Cox CX320 Thermography Camera System

July 15, 2015 – Hood River, OR – Sierra-Olympic Technologies introduces the **Cox CX320 Thermography Camera**, an uncooled LWIR camera system for machine vision, process monitoring, and benchtop R&D applications. The CX320 includes an uncooled 384 x 288 sensor with 25 μm pixels, and radiometric calibration from -20°C to $+650^{\circ}\text{C}$ over two imaging ranges. The camera has Ethernet data out, and comes complete with a thermography analysis package for Windows XP/7/8 machines. This combination makes the camera/software package well suited for benchtop thermographic analysis applications in education, government, and industry.



The product also has on-board thermography capabilities with on-screen display of temperature data points output on its NTSC/PAL analog video signal. One implements a different camera set-up software tool with communications to the camera via either RS-485 or Ethernet, and the camera displays temperature information of up to 10 spots on the analog monitor. Additionally, two regions of interest (ROIs) can be configured with high/low/mean temperature thresholds, and send hardware alarms to I/O lines on the camera. This allows the camera to be used for continuous monitoring applications in industrial applications. When housed against weather elements, the camera can be used for continuous monitoring of critical components in power transmission and distribution.

The CX320 cameras can be specified with a variety of lens focal lengths ranging from 8 mm for very wide field-of-view (FOV) applications to 100 mm for narrow FOV, distant scenes. All lenses are F1.0 for maximum sensitivity.

The new cameras come complete with the specified optic, a power supply and all cables, plus all software and documentation. The products are available for purchase online at www.sierraolympic.com, with various lens options, on the shelf, for immediate delivery.

Sierra-Olympic Technologies, Inc. (Hood River, Oregon www.sierraolympic.com), experts in thermal imaging technology, provides cameras, components, and systems solutions for infrared camera users and integrators. Sierra-Olympic partners with industry-leading manufacturers to offer complete solutions for SWIR, MWIR, and LWIR imaging applications. The company offers numerous products for online purchase and immediate shipment. Products include LWIR OEM imaging cores, cooled cameras for science and industry, cooled cameras for OEM customers, SWIR cameras, and thermography systems for temperature-measurement applications.

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