NEWS RELEASE

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For Immediate Release

Sierra-Olympic Offers Unique Vis-SWIR Video Camera - QI-SCD15-M1

• The low-power Vis-SWIR camera will be presented at SPIE Photonics West 2016, Moscone Convention Center, San Francisco, CA, Feb. 16 - 18 in Sierra-Olympic's booth # 5340.

HOOD RIVER, OR – January 12, 2016 – Sierra-Olympic Technologies, supplier of infrared (IR) and thermal imaging components, cameras, and systems solutions for advanced imaging applications, introduces the high-performance 640 x 512 pixel format **QI-SCD15-M1** visible-shortwave infrared (SWIR) video camera.

The camera is equipped with the unique capability of operating in either a conventional SWIR imaging mode, or in asynchronous laser pulse detection (ALPD) mode. The low-power SWIR VGA camera, with 15 µm x 15 µm pixel size, features excellent sensitivity and integral anti-blooming. It is also compatible with smaller, less expensive optics and supports C-mount or M42-mount shortwave infrared, or other lenses. Designed and manufactured by Quantum Imaging (Colorado Springs, CO), the QI-SCD15-M1 will be showcased at SPIE's Photonics West, Moscone Convention Center, San Francisco, February 16-18, 2016 in Sierra-Olympic's booth # 5340.

When the new QI detector is in ALPD mode, it serves as a 2-dimensional sensor capable of capturing short-duration laser pulses and providing the X-Y position of those pulses in both daytime and night-time operation. Additionally, multiple asynchronous spots can exist simultaneously in the same field of view. These characteristics make the new QI-SCD15-M1 ideal for see-spot operations when detecting 860 nm, 1064 nm, and/or 1550 nm laser spots.

Chris Johnston, president of Sierra-Olympic, explains, "The camera's ALPD mode is based on frequency rather than a conventional laser-pulse-detection method which is based on intensity. Therefore, the ALPD camera is not affected by bright, sunny

conditions, making it a superior and more reliable imaging method on a clear day. Conversely, imagery from a laser-pulse detector based on intensity can be seriously impaired and its performance degraded in similar sunny conditions."

The QI-SCD15-M1 camera features an indium gallium arsenide (InGaAs) sensor that provides extended spectral sensitivity; operating from 0.5 µm to 1.7 µm, it is compatible with a number of illumination sources. Available through Sierra-Olympic in a rugged, industrial miniaturized camera body, the same camera optionally comes in a modular design, the QI-SCD15-FLEX, for applications where space is tight or unusually shaped.

For more information on the QI SWIR cameras, please go to: http://www.sierraolympic.com/products/quantum-imaging-swir. To learn more about Sierra-Olympic Technologies' wide array of advanced infrared imaging systems, please visit: www.sierraolympic.com.

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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.