

NEWS RELEASE

Sierra-Olympic Technologies, Inc. (SOTI)

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For Immediate Release

Sierra-Olympic Introduces World's First True HD Thermal Camera

- New Viento HD Lab LWIR camera provides true 1920 x 1200 pixel resolution.

HOOD RIVER, OR – January 17, 2017 – Sierra-Olympic Technologies, supplier of infrared (IR) and thermal imaging components, cameras, and systems solutions for innovative imaging applications, announces the

Viento HD Lab, the first longwave-infrared (LWIR) camera with true high-definition (HD) imaging. The Viento HD camera is a fully functional camera system based upon a unique 1920 x 1200 x 12µm uncooled sensor.



The Viento HD Lab imaging system includes a 24 mm F1.1 athermalized custom-designed optic and HD camera housing with conductive cooling. The system delivers 16-bit, full-dynamic-range digital data or digital data with automatic gain control (AGC). Camera control is via USB. The uncooled camera delivers LWIR imagery at 30 Hz frame rate and thermal sensitivity at 30 mK NETD at F1.0. The digital acquisition system includes a configured frame grabber for full-frame rate, full bit depth acquisition, and display.

Sierra-Olympics' new fully-functional system has been designed for users who require the maximum number of pixels available in a thermal, commercially-supported imaging system. For more information about the revolutionary Viento HD Lab true HD thermal imaging system, please go to: <http://info.sierraolympic.com/viento-HD-comingsoon>.

To learn more about Sierra-Olympic or to order affordable and advanced IR thermal technology cameras and accessories online, please visit: www.sierraolympic.com. For general information about the company's history, capabilities, and products, please visit: <http://www.sierraolympic.com/about-us/overview-history/>.

Sierra-Olympic Technologies, Inc. (www.sierraolympic.com Hood River, Oregon), 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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