

# NEWS RELEASE

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**Sierra-Olympic Technologies, Inc. (SOTI)**

3100 Cascade Avenue  
Hood River, OR 97031  
Contact: Chris Johnston, President  
Phone: 541-716-0016 / 855-222-1801  
Fax: 541-387-0443  
E-mail: [chris@sierraolympic.com](mailto:chris@sierraolympic.com)  
Web Site: [www.sierraolympic.com](http://www.sierraolympic.com)

**Media Contact: Marlene Moore**

Smith Miller Moore  
Phone: 818-708-1704  
Email: [Marlene@smithmillermoore.com](mailto:Marlene@smithmillermoore.com)

*For Immediate Release*

## **World's First Full HD 1080p Thermal Imager Available in Rugged IP67 Environmental Housing**

- Sierra-Olympic's LWIR camera provides true 1920 x 1200 x 12  $\mu\text{m}$  pixel resolution and comes with a 1-year warranty.

**HOOD RIVER, Ore. – April 3, 2017 – Sierra-Olympic Technologies**, supplier of infrared (IR) and thermal imaging components, cameras, and systems solutions for innovative imaging applications, announces the new **Viento HD IP67**, a full HD 1080p thermal camera with an IP67 environmentally-rated enclosure. The unique, high-definition longwave-infrared (LWIR) imager is in a rugged housing that provides total protection against dust, and protects against the effects of water immersion to depths between 15 cm and 1 meter.



The robust Viento HD IP67 delivers true 1920 x 1200 pixel resolution utilizing an uncooled vanadium oxide (VOx) sensor with a capacity of over 2.3 million pixels on a 12-micron pixel pitch, making it ideal for industrial, military/defense, and security applications where the maximum number of pixels is required. The uncooled microbolometer detector also provides long life for the camera system by eliminating the need for a cryocooler that would require periodic replacement or servicing.

Sierra-Olympic's high-def camera system offers HD-SDI, h.264 IP, or 16-bit, full-dynamic-range digital data or digital data with automatic gain control (AGC). The digital acquisition system includes a configured frame grabber for full-frame rate, full bit depth acquisition, and display. The Viento HD camera system includes integrated image enhancement functions and a 24 mm F1.1 athermalized custom-designed optic. It is available with a hard carbon-coated 24 mm fixed focal length lens; custom lenses are also available upon request.

Sierra-Olympic's versatile and innovative high-definition camera system delivers LWIR imagery at 30 Hz frame rate and thermal sensitivity at 30 mK NETD at F1.0 and comes with a 1-year warranty. To learn more about the world's first full HD 1080p LWIR Viento IP67 camera system, go to:

<http://www.sierraolympic.com/products/lwir-optics/viento-thermal/viento-hd>. To order affordable and advanced IR thermal technology cameras and accessories online, please visit: [www.sierraolympic.com](http://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](http://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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