

# NEWS RELEASE

---

**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*

## **Sierra-Olympic Introduces Long-Range, All-Weather, MWIR Security & Surveillance System**

**HOOD RIVER, OR – May 25, 2016 – Sierra-Olympic Technologies**, supplier of infrared (IR) and thermal imaging components, cameras, and systems solutions for advanced IR imaging applications, introduces a long-range target detection and surveillance system designed for all-weather security applications. The **550CZ-18**, manufactured by G5IR, is an advanced midwave infrared (MWIR) imaging system featuring long-range target detection with recognition capabilities. The 18X continuous zoom lens provides 18° horizontal field of view (HFOV) at wide angle and 1° HFOV at narrow angle; the thermal camera system can reliably detect human-sized targets at 18 kilometers in good conditions.



The 640 x 512 pixel resolution, indium antimonide (InSb) detector with a 15-micron pitch is optimized to operate in the MWIR spectrum (3 - 5  $\mu\text{m}$ ), commonly considered the best waveband for imaging in marine and high-humidity environments. Other all-weather applications for the 550CZ-18 camera system include border protection, vessel traffic monitoring, critical infrastructure protection, and airport perimeter surveillance.

G5IR's new camera system produces analog or digital video and can be remotely controlled via a serial interface and an intuitive graphical user interface (GUI). Environmentally sealed, the unit has a dry nitrogen backfilled enclosure that is rated IP67 and a front element defroster. The long-life, cooled photodetector ensures reliable imagery over the life of the camera system. The 550CZ-18 is built for reliability and stability over a wide temperature range and diverse weather conditions, and comes with an industry-leading 25-month manufacturer's warranty.

For more information on G5IR's 550CZ-18 Long-Range, All-Weather MWIR Security and Surveillance Systems, go to:

<http://www.sierraolympic.com/products/security/g5-cooled/g5ir-550cz-18>. To learn more about Sierra-Olympic Technologies' wide array of advanced infrared imaging systems and solutions, please visit: [www.sierraolympic.com](http://www.sierraolympic.com).

**Sierra-Olympic Technologies, Inc. (Hood River, Oregon [www.sierraolympic.com](http://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.

# # #