

NEWS RELEASE

Sierra-Olympic Technologies, Inc. (SOTI)

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For Immediate Release

Sierra-Olympic Introduces Small, Lightweight Midwave Infrared (MWIR) Camera Core for Imaging Gimbals

- The new **Ventus 275** MWIR camera core with f/5.5, 19 - 275 mm continuous zoom thermal lens will premiere at VISION Stuttgart, Nov. 6 - 8, 2018, in Hall1, Stand1B80,

HOOD RIVER, Ore. – Oct. 29, 2018 – [Sierra-Olympic Technologies](http://www.sierraolympic.com), supplier of infrared (IR) and thermal imaging components, cameras, and systems solutions for innovative imaging applications, introduces the **Ventus 275**, a midwave-infrared, 640 x 512 x 15 μm imaging engine with an f/5.5, 19 - 275 mm continuous zoom (CZ) optic. The compact, lightweight (approx. 1153g) MWIR thermal camera core is specially designed for OEM integrators of surveillance system enclosures and other imaging gimbals. Sierra-Olympic will showcase the new cost-effective camera core in Hall 1, Stand 1B80 at VISION Stuttgart, Nov. 6 - 8, 2018.



The Ventus 275 features include an indium antimonide (InSb) focal plane array and a finely-tuned athermalized and parfocal zoom lens with a 28.4 - 2° horizontal field of view (HFOV). The powerful image processing engine provides advanced image enhancements including electronic image stabilization, automatic/manual gain control, adaptive contrast control (CLAHE / LAP) and optional target tracking/detection. The camera also features a shutter-based non-uniformity correction (NUC) and an environmentally-sealed front lens element.

Multiple output interfaces include analog NTSC/PAL video, H.264/MJPEG IP video, and 14-bit Camera Link digital video, making the MWIR Ventus 275 ideal for applications in

security/surveillance, fixed monitoring, defense, manned/unmanned ground and airborne platforms. Sierra-Olympic's expert staff is readily available to support OEM integration and assist with easy exportation (EAR ECCN 6A003.b.4.a) and documentation tasks.

To learn more about the innovative Ventus 275 OEM camera core with continuous zoom lens and one-touch autofocus, please go to:

<https://www.sierraolympic.com/products/details/ventus-275>.

For camera core dimensions and additional specifications, download the data sheet here: [https://www.sierraolympic.com/images/uploads/product-](https://www.sierraolympic.com/images/uploads/product-drawings/SOTI_SellSheet_Ventus275_V1-100118.pdf)

[drawings/SOTI SellSheet Ventus275 V1-100118.pdf](https://www.sierraolympic.com/images/uploads/product-drawings/SOTI_SellSheet_Ventus275_V1-100118.pdf). To sign up for our newsletter or access our blog, please visit: <http://blog.sierraolympic.com/blog>.

Sierra-Olympic Technologies, Inc. (<https://www.sierraolympic.com/> - Hood River, Oregon), experts in thermal imaging technology, provides cameras, components, and systems solutions for infrared camera users and integrators. Recently named the U. S. Master Distributor for DRS' uncooled commercial camera cores, 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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