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SWIR Vision Systems Introduces Lower Cost SWIR Cameras for Global Industrial, Scientific and Defense Infrared Imaging Markets

Quantum Dot-based SWIR sensing continuing to penetrate multiple high growth infrared markets

RESEARCH TRIANGLE PARK, NC, June 13, 2023 – SWIR Vision Systems today announces the availability of new lower cost SWIR camera solutions based on its Acuros® CQD® Quantum Dot sensor technology. The company’s CQD-on-CMOS sensors benefit from low material and processing costs. **Today, SWIR Vision introduces substantially lower price points for the company’s Acuros VGA 640 (0.33Mp) and Acuros 1280 (1.3Mp) standard SWIR cooled cameras, based on this new sensor manufacturing process.**

SWIR Vision Systems continues to be the market leader in SWIR camera technology. The company first introduced the best-in-class resolution, Acuros 1920 (2.1Mp) SWIR camera in 2019. It’s next innovation was the Acuros CQD Extended SWIR (eSWIR) cameras with responsivity bandwidths from 350nm to 2100nm. The company continues to make critical advances in the SWIR imaging world, by introducing its low-cost process with its standard Acuros 640 and Acuros 1280 SWIR cameras.

“Affordability of SWIR sensing has always been a tough problem to solve”, said George Wildeman, CEO of SWIR Vision Systems. “Our CQD sensing technology holds the key to bringing the costs of SWIR sensing down, expanding the application space toward more universal use of SWIR sensors.”, Wildeman added. “Today’s announcement is a first step along our lower cost SWIR sensing roadmap. Ultimately, the cost points of our CQD sensing technology will align with the very low-cost targets needed for large scale automotive and consumer electronics applications.”

The company manufactures and ships these products globally from its North Carolina, USA based operations center. Acuros Cameras are designated as **EAR-99** for export control purposes and **can be shipped globally without a license for legal exports.**

Visit us in Munich at Laser World of Photonics June 27-30: SWIR Vision Systems will be exhibiting at booth A2.103. Stop by to see our high definition Acuros cameras in action and discuss your imaging needs with our applications team.

Specifications for the Acuros 640 and 1280 cameras as well as the company’s premium eSWIR and higher resolution Acuros 1920 cameras can be found at www.swirvisionsystems.com. The SWIR Sales and Applications Engineering team can be contacted through the website or directly at sales@swirvisionsystems.com.

About SWIR Vision Systems – SWIR Vision Systems, a North Carolina based startup company, has pioneered high definition, colloidal quantum dot infrared image sensor technology for infrared cameras, delivering breakthrough sensor capability. Imaging in the short wavelength IR has become critical for key applications within the industrial, mobile phone, and autonomous vehicle markets. The company manufactures and exports it's EAR-99 designated Acuros CQD SWIR cameras from its operations center in Research Triangle Park, NC, USA.

www.swirvisionsystems.com.