

NEWS RELEASE

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For Immediate Release

Princeton Infrared Technologies, Inc. Honored by Vision Systems Design 2020 Innovators Awards Program

Monmouth Junction, NJ – June 16, 2020 - Princeton Infrared Technologies, Inc.

(PIRT), specialists in indium gallium arsenide (InGaAs) imaging technology and affordable shortwave-infrared (SWIR) linescan cameras, visible-SWIR science cameras, and 1- and 2-D imaging arrays, announced today that its MVCam was recognized the best in machine vision today by the judges of the Vision Systems Design 2020 Innovators Awards program. The judging panel consisted of esteemed experts from system integrator and end-user companies.

“The Vision Systems Design team would like to congratulate Princeton Infrared Technologies, Inc. for their score in the 2020 Innovators Awards program,” says John Lewis, Editor in Chief. “Each year this unbiased and increasingly competitive program aims to celebrate the most innovative products and systems in machine vision. The Princeton Infrared Technologies, Inc. team should be very proud.”

The 1280MVCam series SWIR and visible camera supports the highest commercially available frame rate in SWIR band at Megapixel resolution with no ITAR restrictions. The camera is ideal for high speed machine vision and microscopy applications. This megapixel InGaAs camera provides 1280x1024 resolution shortwave infrared (SWIR) imagery at up to 95 frames per second (fps), with higher frame rates for user selectable regions of interest (ROI). With 12 μm pixel pitch, the MVCam InGaAs image sensor yields extremely low dark current and high quantum efficiency, >75% from 1.1 to 1.6 μm , providing high sensitivity across the SWIR and visible wavelength bands from 0.4 to 1.7 μm . The standard camera configuration uses a single stage thermoelectric cooler integrated in a sealed package to stabilize the image sensor at 20°C with no moving parts like a cooling fan.

Martin Ettenberg, Ph.D., founder and CEO of Princeton Infrared Technologies, notes, “We are very excited about Vision Systems Design recognizing our new SWIR Megapixel MVCam for machine vision applications. We are honored for our SWIR MVCam to be included in this program.”

To learn more about our line of affordable SWIR linear arrays and cameras, go to: www.princetonirtech.com or call 1-609-917-3380.

About Vision Systems Design -

Published since 1996, Vision Systems Design is a global resource for engineers, engineering managers and systems integrators that provides comprehensive global coverage of vision systems technologies, applications, and markets. Vision Systems Design's magazine, website (www.visionsystems.com), email newsletters and webcasts report on and analyze the latest technology and business developments and trends in the worldwide machine vision and image processing industry.

About The Vision Systems Design 2020 Innovators Awards program -

The Vision Systems Design 2020 Innovators Awards program reviews and recognized the most innovative products and services in the vision and image processing industry. High-scoring companies were announced via webcast on June 16. Criteria used in the Innovators Awards ranking included: originality, innovation; impact on designers, systems integrators and end-users; fulfilling a need in the market that hasn't been addressed, leveraging a novel technology, and increasing productivity.

Princeton Infrared Technologies, Inc. (PIRT - www.princetonirtech.com) -

Specialists in indium gallium arsenide (InGaAs) imaging technology, PIRT focuses on design and manufacture of both shortwave infrared cameras, and one- and two-dimensional imaging arrays. All products are created in the company's fabless environment under strict testing and quality control guidelines, providing innovative and cost-effective detectors that image in the visible, near- and shortwave-infrared wavelengths. Application areas include spectroscopy for sorting materials, moisture detection, thermal imaging, night vision, and laser imaging for military, industrial, and commercial markets.

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