

NEWS RELEASE

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For Immediate Release

Princeton Infrared Technologies' LineCam12 - Visible/NIR/SWIR Camera Named 2018 Prism Award Finalist

- The award-winning visible, NIR, and SWIR linescan camera for machine vision and spectroscopy will be showcased at SPIE's BiOS 2018 in booth # 8728 and Photonics West 2018 in booth #2624.

MONMOUTH JUNCTION, N. J. –**December 6, 2017 - Princeton Infrared
Technologies, Inc. (PIRT)**

(www.princetonirtech.com), announces its indium gallium arsenide (InGaAs) linescan camera, the **LineCam12**, has been selected as one of three finalists in the prestigious Prism Awards for Photonics Innovation 2018, Detectors and Sensors category. The tenth annual award winners will be announced January 31, 2018 during SPIE's Photonics West in San Francisco, California.



Princeton Infrared's advanced new InGaAs-based LineCam12 detects light from 400 nm to 1700 nm. The wide spectral sensitivity enables machine vision and spectroscopy users the unique ability to see visible, near-infrared (NIR), and shortwave infrared (SWIR) light simultaneously, thus permitting hyperspectral imaging tasks that previously required the use of 2 or 3 separate cameras to achieve the same imaging performance. The innovative linescan camera has a 1024-element linear array that images up to 37k lines per second and features a 12.5 micron pitch. The low read noise of <math><80e^-</math> is a factor of 4x lower than other known legacy cameras in the industry. With two digital outputs, USB3.0 and Camera Link, the LineCam12 is easy to integrate into new and/or existing systems.

Martin Ettenberg, Ph.D., founder and CEO of Princeton Infrared Technologies, notes, “We are delighted to be selected as a Prism Award finalist for 2018. Our LineCam12 linescan detector, with its extraordinary spectral sensitivity, is an ideal linear array for machine vision tasks and also serves the demanding spectroscopy market.”

The Prism Awards is an international competition to recognize cutting-edge products that solve problems through photonics. According to SPIE CEO Eugene Arthurs, “Prism recognizes particularly outstanding examples of the imaginative range and innovation reach of photonics R&D.”

To learn more about Princeton Infrared’s award-winning, imaging products based on InGaAs, shortwave-infrared detector technology, please stop by booth # 8728 at SPIE’s BiOS, Jan. 27 - 29, or booth # 2624 at SPIE’s Photonics West, Jan. 30 - Feb. 1, 2018, Moscone Center, San Francisco, California, or visit www.princetonirtech.com.

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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 imaging products are now available with no ITAR export restrictions. They are created in the company’s fabless environment under strict testing and quality control guidelines to provide 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, astronomy, night vision, industrial, medical, and laser imaging for military markets.