sneak PREVIEW

PHOTONICS MEDIA

SPIE Defense & Commercial Sensing — Baltimore, MD
April 19-21
An advance look at the products, trends and technologies being presented.

SPIE Defense + Commercial Sensing 2016

The advancement of defense, commercial sensing and imaging technologies are evolving the defense and security sector worldwide, with a wide variety of applications in such areas as machine vision, process control and counter-terrorism (among others). SPIE's 2016 Defense + Commercial Sensing conference reflects this evolution, as well as enhanced content and expanded markets.

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Featured Exhibitors

OptiCentric IR
From: TRIOPTICS GmbH

Discover the best solutions for lens centering measurement and assembly of infrared optical systems with OptiCentric® IR. Whether zinc selenide or germanium, single lens or complex lens system, the modular OptiCentric system covers solutions for all kinds of infrared lenses.
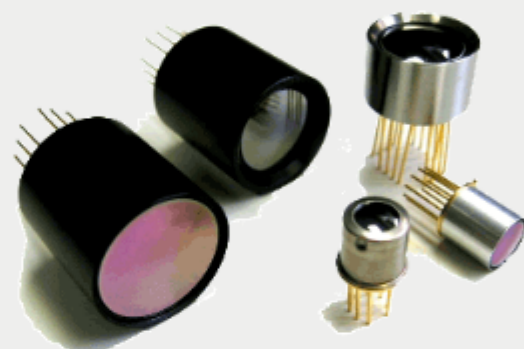
Visit us: Booth 543

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Low Cost Thermal Imaging for New Markets
From: Boston Electronics Corporation

Low cost thermal imaging arrays are opening up new markets and applications for infrared sensing. Boston Electronics and Heimann Sensor are pleased to announce production of new 80 x 64 format thermopile arrays with all digital output and I2C Bus control. These affordable imaging sensors are compact (TO-8) with integral optics. Quick start application sets allow developers to rapidly incorporate these sensors into their systems.

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CLHS Teams up with sCMOS
From: PCO-TECH, Inc.

The integration of Camera Link HS into PCO sCMOS camera systems constitutes the combination of a great range of benefits and is available, inter alia, for the pco.edge 4.2. Alongside renowned pco.edge features it allows 1.1 GByte/s data bandwidth per lane over significant fiber optic cable distances. At the same time very high data reliability is given, avoiding communication errors and enabling best signal integrity.
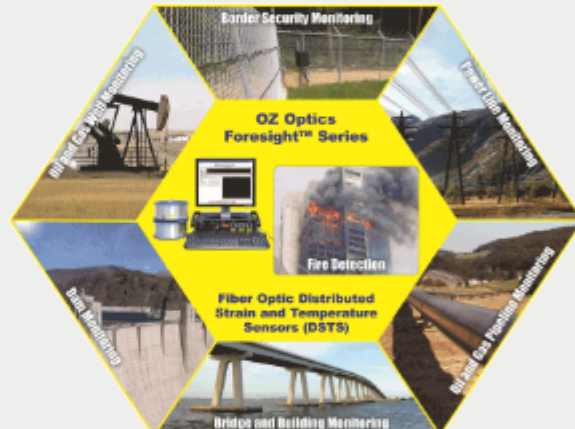
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OZ Optics' Sensors
From: OZ Optics Limited

OZ Optics' Distributed Strain and Temperature Sensors use Brillouin scattering in optical fibers to measure changes in strain and temperature. Using telecom single mode fiber as the sensing element, users can detect when and where the strain or temperature has changed at any point along the entire length of the fiber, up to 100 km, with applications such as security monitoring, structural health monitoring, power cable and pipeline monitoring.
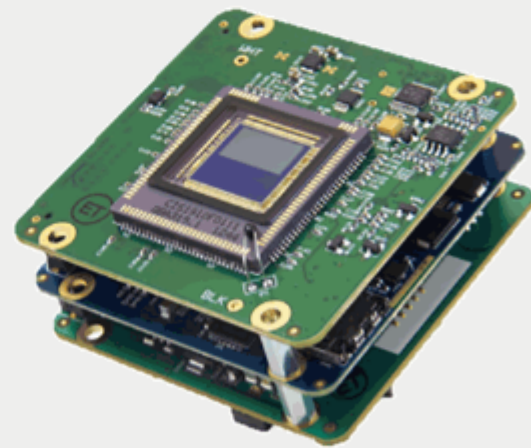
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Customizable CMOS & CCD Platforms
From: Critical Link, LLC

Designed for OEMs and system integrators working on industrial, biomedical, scientific, and surveillance applications. Sensors from Hamamatsu, Fairchild Imaging, CMOSIS, and others, with on-board processing in board-set or enclosed configurations. Platforms are customizable to meet your distinct requirements.

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Precision Machined Components
From: Criterion Instrument

Criterion Instrument, a female-owned, ISO 9001 & ISO 13485, FDA & ITAR registered manufacturer, has been providing highly engineered precision machined parts for over 60 years to the "No Failure" industries of medical, aerospace, defense and photonics. Our capabilities include CNC 5-Axis milling, turning and CNC Swiss turning. Criterion wants to be part of the solution. Visit us at booth 732.

Visit us: Booth 732

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STOP BY OUR BOOTH

Visit Photonics Media at booth 825 and pick up the April issue of *Photonics Spectra* magazine which features an article on Space-Based Remote Sensing that is Yielding New Insights into Climate Change. Also at our booth will be April *BioPhotonics* and *Industrial Photonics* magazines, Spring *EuroPhotonics* and the *2016 Photonics Buyers' Guide*. Subscribe or renew while you are there and enter our drawing for a $100 Amazon gift card! And as always, you can visit us online at www.photonics.com.