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LASER World of **PHOTONICS CHINA**

March 14-16, 2017
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Sneak Preview

Vision, Stuttgart, Germany
Nov. 4-6, 2014

PHOTONICS MEDIA

THE PULSE OF THE INDUSTRY



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Focus Tunable Lenses

Optotune's focus tunable lenses enable fast adjustments of the working distance. See our products, integrated into machine vision software environments of several partners, at VISION booth A61.

Optotune

See us at Hall 1-A 61

www.optotune.com

First PCIe 3.0 CoaXPress Frame Grabber

With four CXP-6 CoaXPress connections for a total transfer rate of 25 Gbit/s (2.5 GByte/s) and a unique PCIe 3.0 (Gen 3) x4 bus, **Coaxlink Quad G3** guarantees top performance and maximum PC motherboard compatibility. This will be demonstrated in a top-notch line-scan inspection demonstration.



Euresys s.a.

See us at Hall 1-G 43

www.euresys.com



Flexible Form Factor Starting at \$295

Chameleon3 is a USB3 Vision camera line that easily converts to board-level. Its unique combination of form factors, compact size, low cost and CCD/CMOS selection, makes the Chameleon3 an ideal camera for machine vision and scientific applications. Starting at \$295.

Point Grey Research

See us at Hall 1-B 42

www.ptgrey.com

New pco.edge gold 4.2 with Deep Cooling

The brand new pco.edge gold 4.2 offers long exposure times and best performance data combined with highest frame rates. Additionally the new **sCMOS** member satisfies with the following specifications:



- 0.8 e⁻ rms readout noise
- 36 000 : 1 intra-scene dynamic (16 bit)
- 2048 x 2048 pixel resolution
- 70% quantum efficiency

PCO Group

See us at Hall 1-G 32

www.pco.de



Ruggedized LWIR Camera

Xenics, a leading developer and manufacturer of advanced infrared detectors, cameras and customized imaging solutions from the LWIR to the visible realm, will introduce its newly developed Serval, a small-form-factor, maintenance-free thermal **LWIR camera** for industrial use. Serval is based on the proven Xenics Gobi-GigE series and targets demanding applications in harsh environments.

Xenics

See us at Hall 1-G 44

www.xenics.com

Camera Module Alignment

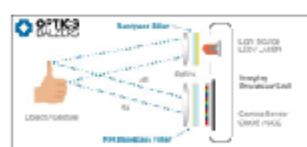
With **ProCam**® Align, TRIOPTICS offers a stand-alone solution for active alignment during camera module production as well as testing the image quality of the finished camera module itself after assembly. The ProCam® software controls functionalities for the fully-automated active alignment process.



TRIOPTICS GmbH

See us at Hall 1-I 83

www.trioptics.com



NIR Bandpass Filters

Optics Balzers launches its Narrow **Bandpass Filters** in the near infrared with low angle dependency and high performance blocking. These filters are qualified for the use in TOF cameras where a wide field of incidence angle is necessary.

Optics Balzers

See us at Hall 1-I 72

www.opticsbalzers.com

Vision 2014

The Vision 2014 machine vision trade fair, held at Landesmesse Stuttgart in Stuttgart, Germany biannually, offers a look at the latest developments and applications in machine vision, as well as advances in traditional processes.



Targeting OEMs and mechanical engineering companies, the event will feature the latest innovations from the world of machine vision systems and components. Among them: application-specific and configurable machine vision systems, smart cameras, vision sensors, illumination, lasers, optics and lens products, optical filters, a variety of scan, line, IR and hyperspectral cameras, contact and low-distance image sensors, optical sensors, frame grabbers and more.

It also provides end users with information for specific machine vision solutions and the opportunity to meet numerous system integrators. Companies and organizations worldwide will be in attendance, including 3D-One of the Netherlands, Active Silicon in England, AIA in Ann Arbor, Mich., Q.VITEC in Germany, Mesure-Systems 3D in France, Carl Zeiss Microscopy in Germany, and many more.

The event is organized by the VDMA Machine Vision Association. It examines not only the latest developments and applications in machine vision, but also focuses on topics such as interfaces, cost-effectiveness and efficiency.

From the sensor to the processor, from the cable to the camera, from the software to the illumination system, and complete machine vision systems, exhibitors will offer a complete spectrum of the future of machine vision technology.

The event will also feature a career center, hosted by Wirth + Partner consultancy firm of Munich, Germany, providing information for engineers and scientists about job opportunities and career advice.

Coaching sessions will be offered, as well, with tips and advice regarding career planning. A top machine vision jobs board will also be featured.

A number of keynote speakers will discuss the latest developments and uses for a wide range of machine vision applications. Topics to be featured include Innovations for Intelligent Traffic Monitoring in Complex Light and Climatic Conditions; Challenges and Requirements for Vision Systems in Micro Manufacturing; and Stereo-Vision for High-Resolution 3-D Imaging.

For more information, visit: www.messe-stuttgart.de/en/vision.

Stop by our booth

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