

sneak PREVIEW



VISION – Messe Stuttgart, Germany

November 8-10

An advance look at the products, trends and technologies being presented.



Machine Vision Takes Spotlight at Vision 2016

Vision 2016 — organized by Landesmesse Stuttgart GmbH and held in Stuttgart, Germany — is a leading international machine vision trade fair that brings together component manufacturers, system suppliers and integrators. It offers a complete spectrum of machine vision technology. OEMs, mechanical engineering companies and others can learn about the latest innovations in machine vision components, and also initiate investments.

Palace Square, Stuttgart, Germany © Werner Dieterich

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World's leading trade
fair for machine vision

08 - 10 November 2016, Messe Stuttgart



Featured Exhibitors

[pco.edge Meets CLHS](#)

From: PCO AG

A new level of ultra-fast data transfer bridging great distances with maximum data security and stability: Those aspects are just a few of the many benefits of Camera Link HS interface, that was specifically designed to meet the requirements of vision and imaging applications for both today and tomorrow. PCO combines the outstanding strengths of Camera Link HS with its unique and internationally renowned sCMOS camera portfolio.



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[Hyperspectral Cameras](#)

From: Photonfocus AG

In its 15th anniversary, Photonfocus presents 2 new hyperspectral cameras to work from 600 to 1000nm. The HS01 camera incorporates a linescan sensor with over 100 narrow bands and the HS02 has a mosaic sensor which provides 25 images with 25 bands. Their FPGA pre-processing and their A/B shaft encoder interface (RS-422 or HTL levels) make them your best partner to face the most demanding applications for material processing.

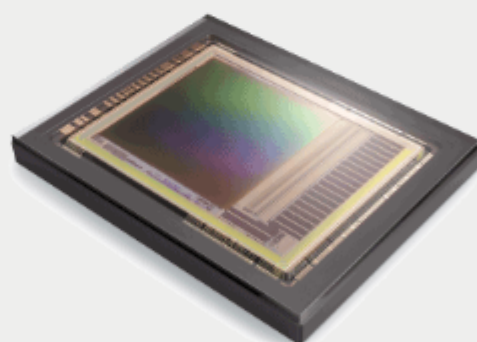


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[Emerald CMOS Sensors](#)

From: e2v

e2v's new Emerald family of CMOS sensors, feature the world's smallest true global shutter pixel available on the market today (2.8µm). With a smaller optical format and higher resolutions, the sensors lead to improved performance and reduced system costs for customers. This new generation of sensors marks a significant improvement of DSNU, allowing cameras to perform better in high temperatures and enables long exposures to be used in low-light applications.



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[71MP for Detailed Machine Vision](#)

From: The Crowley Co.

When the details matter, you need the highest resolution available. Visit Stand 1D88 to demo the RGB and Monochrome versions of the new MACHCAM71. With a powerful 71MP, the lightweight 3.25 x 3.25 x 2.5" (83 x 83 x 63.5 mm) case is easily implemented and is USB 3.0 compatible. Delivered with SDK and F-mount standard (custom mounts as requested). For non-vision use, meets NARA, Metamorfoze and FADGI preservation guidelines.



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Visit Photonics Media at booth 1-D01 to read up on all the latest vision technology and news, including a great feature article on autonomous mobile robots (AMRs): *Robots with Laser and Vision Systems Conquer New Industrial Terrain* in October's Industrial Photonics magazine.

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