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| **Press Release** | **November 7, 2016** |

Allied Vision offers visitors to VISION Show support selecting the right camera

In keeping with the slogan “Imaging solutions for individual needs,” Allied Vision will present camera solutions for the most diverse application fields at VISION in Stuttgart (Hall 1, Booth F62) from November 8-10, 2016.

*Stadtroda, Stuttgart; November 7, 2016* - Depending on the tasks involved, technical requirements for an optimal camera solution can be very different. In light of such varied requirements and to user profiles, Allied Vision has structured its product offering at the show booth. At six different topic islands covering key factors in choosing the right camera, highlights of Allied Vision’s products will be presented.

**Individual Requirements**   
Key topics range from CMOS sensor technology to high-resolution and high-speed cameras up to image processing in different spectral ranges. Aspects of different interfaces as well as of camera hard- and software integration into a vision system are also addressed. An interactive information board directs booth visitors as needed to the appropriate product offering. Of course, Allied Vision experts also provide support in selecting the right camera.

The particular focus of the product presentation lies on the new camera models in the Mako and Manta camera families which have been equipped with the latest IMX CMOS sensors from Sony. Another product highlight is the new high-resolution (with up to 26 megapixels) camera models of the high-performance Prosilica GT family. With this expansion of the product portfolio, Allied Vision offers cameras with the latest Global Shutter CMOS sensor technology for the most diverse demands and areas of application.

**Live Demonstrations**   
At practically every topic island at the Allied Vision booth, VISION visitors can experience cameras live in action and compare the demonstrated tasks with their own requirements. For example, single cable solutions for GigE Vision cameras (“Interfaces” topic island) will be demonstrated that enable rapid camera triggering via network alongside image acquisition and power supply via Power over Ethernet (PoE). The image quality of two comparable cameras with similar resolution and optical formats, one with a CCD and the other with a CMOS sensor, will be compared live with each other (“CMOS Sensors” topic island). At the “High Resolution” topic island, just how fast and precisely high-resolution cameras with EF lenses can scan the smallest product labels at different distances will be demonstrated. Moreover, booth visitors to “Multispectral Imaging” can learn how, with the aid of infrared cameras and special band pass filters, different materials that are indistinguishable within the visual range can be identified. For embedded applications, the easy integration of a camera into a 64-bit ARM system (ARMv8) will be presented live as well (“Easy Integration“ topic island).

**Information in Brief**

* Vision 2016, 8-10 Nov 2016, Stuttgart Trade Fair Center
* Allied Vision: Hall 1, Booth F62
* Presentation: ”Look at the spectral side of life”

Industrial VISION Days  
Presentation Hall1, Booth A75  
Date: 8 November 2016, 11:30

**Pictures:**

* PR1\_AlliedVision\_Vimba-Logo
* PR1\_AlliedVision-Company-Logo
* PR1\_AlliedVision\_VISION2016\_Imaging\_solutions\_for\_individual\_needs

Profile of Allied Vision

For over 25 years, Allied Vision has been helping people see the bigger picture. Allied Vision supplies camera technology and image capture solutions for industrial inspection, science, medicine, traffic monitoring and many more application areas in digital imaging. With a deep understanding of customers’ needs, Allied Vision finds individual solutions for every application, a practice which has made Allied Vision one of the leading camera manufacturers worldwide in the machine vision market. The company has eight locations in Germany, Canada, the United States, Singapore and China and is represented by a network of sales partners in over 30 countries.

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