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| **Press Release** | **11 October 2016** |
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Allied Vision to exhibit new camera models for embedded, multispectral and high-resolution imaging at VISION 2016

Stadtroda, 11 October 2016 – From November 8 to 10 2016, Allied Vision will welcome visitors to the world’s leading imaging trade fair at the Stuttgart exhibition grounds (Hall 1, Booth F62) with a camera portfolio organized thematically according to individual requirements. At six different “topic islands”, the newest camera models will be shown. The topical focus ranges from CMOS sensor technology and high-resolution cameras up to imaging in different spectral ranges. In addition, visitors will see how simple it can be to integrate cameras into a vision system.

**Large choice of CMOS Sensors**

The future of imaging belongs to CMOS technology. Therefore, Allied Vision has expanded its camera portfolio in 2016 by several new models with the newest CMOS sensors. Back in July, Allied Vision brought two new models in the Manta family, Allied Vision’s versatile GigE Vision camera, with Sony Pregius sensors, to the market. The Manta G-507 is equipped with Sony’s 5-megapixel IMX264 sensor, while the Manta G-319 has a 3.1-megapixel Sony IMX265 sensor. Both models are remarkable for their high saturation capacity, along with high image rates, low image noise and extraordinary dynamic range. As such, they offer performance exceeding that of CCD sensors in many ways. At the Allied Vision booth, visitors can be impressed, live and in person, by the image quality of state-of-the-art CMOS cameras in comparison to conventional CCD cameras. Along with the previously mentioned Manta cameras, Allied Vision will introduce several further camera models with the newest CMOS sensors from Sony and ON Semiconductor.

**Live Demonstrations**

At practically every topic island at Allied Vision’s booth, visitors to VISION can experience cameras live in action. For example: single-cable solutions for GigE Vision cameras will be demonstrated that, along with image acquisition and power supply using Power over Ethernet (PoE), also enable rapid camera triggering via network. Furthermore, Allied Vision will demonstrate how robotics, with the aid of stereovision and three-dimensional images, can implement bin picking applications, and which application possibilities offer high-resolution cameras with electronic focus control. Also new is the cameras’ simple integration into 64-bit ARM (ARMv8) systems that will be demonstrated live.

**Information in brief**

* VISION 2016  
  8-10 November 2016  
  Landesmesse Stuttgart
* Allied Vision  
  Hall 1, Booth F62
* Industrial VISION Days  
  Presentation Forum A75  
  Presentation ”Look at the Spectral Side of Life”  
  Allied Vision Technologies GmbH   
  Date: 8 November 2016, 11:30

**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. [www.alliedvision.com](http://www.alliedvision.com)

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