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| **Press release** | **10 October 2018** |
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Allied Vision at VISION 2018: Focus on new camera for Embedded Vision

*Stadtroda, Germany, 10 October 2018* - With the slogan "Rethink Embedded Vision", Allied Vision will be welcoming visitors to the world's leading machine vision trade fair at the Stuttgart Exhibition Center from 06 to 08 November 2018 (Hall 1, Booth D30) with a clear focus on embedded vision. The new Alvium Camera Series which will be presented to the VISION audience for the first time, will be the highlight of the booth.

With extensive functions for image correction and optimization, a large selection of current sensors, intelligent energy management, and cost-optimized design, the new camera series combines the advantages of classic machine vision cameras with the advantages of embedded sensor modules. It opens up new ways for users to switch from PC-based image processing applications to embedded systems.

From the presentation of the various camera models, the selection of compatible embedded boards and available interfaces to the optimal software connection, visitors will receive comprehensive information about the versatile possibilities of the new embedded camera module. Several live demonstrations running on different embedded boards show cameras of the Alvium Series in action.

**Camera solutions from high-speed to infrared**However, the presentation of new products is not limited to the field of embedded vision. Allied Vision's new high-speed camera family Bonito PRO, which has a CoaXPress interface and was specially designed for applications with high bandwidth requirements, can also be experienced at VISION 2018 for the first time. Equipped with four DIN 1.0/2.3 connectors, the cameras can transmit 25 Gigabits per second via the CXP-6 high-speed connections. The new camera will be on display at the booth as part of a PCB inspection application.

Allied Vision will also be previewing the new Prosilica GT10000 50 Megapixel camera with the KAI-50140 large-format CCD sensor from ON Semiconductor. The sensor is characterized above all by its very high resolution of 10,440 × 4,800 pixels. The 2:1 aspect ratio makes the camera particularly suitable for display inspection, aerial photography, and optical metrology.

With the new Mako G-508 POL, which is equipped with an 5.0 Megapixel IMX250MZR/MYR CMOS polarization sensor with the latest polarization filter technology from Sony, Allied Vision presents another product innovation. The new filter technology can reduce reflections which, for example, hinder the inspection of surfaces.

At the Allied Vision booth, almost all current Machine Vision camera families from the extensive Allied Vision portfolio will also be presented: from the ultra-compact Mako camera to the versatile Manta to the Goldeye for infrared applications. Numerous inspection applications show the cameras live in action. The interaction with the most common image processing libraries will also be presented.

**In brief:**

* VISION 2018  
  06 - 08 November 2018  
  Stuttgart Trade Fair Center
* Allied Vision booth  
  Hall 1, Booth D30
* Industrial VISION days  
  Allied Vision Lecture   
  "New Generation of Camera Modules for Embedded and PC-based Vision Systems"  
  Date: 06 November 2018, 12:30 - 13:30   
  Stage 1, Gallery Hall 1 Booth 1Z75

**Allied Vision company profile**For over 25 years, Allied Vision has been helping people to reach their goals focusing on what counts. Allied Vision supplies camera technology and image capture solutions for industrial machine and embedded vision applications. 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 nine locations in Germany, Canada, the U.S., Singapore, China, France, and the UK, and is represented by a network of distribution partners in over 30 countries.   
  
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