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| **Press release** | **February 7, 2019** |
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Allied Vision's Alvium Camera Series nominated for Embedded Award 2019

New camera series proposed for the Embedded Award in the Embedded Vision category at Embedded World

*Nuremberg, Germany, February 7, 2019* - Allied Vision's revolutionary camera series for Industrial Embedded Vision has been nominated for the Embedded Award in the Embedded Vision category. A jury of industry experts selected the innovative camera module, powered by the ALVIUM® technology developed by Allied Vision, for the nomination.

The prize will be awarded at the Embedded World Exhibition & Conference 2019 in Nuremberg in February. The nominated Alvium camera series will be the focus of Allied Vision's presence at the leading international trade fair for embedded systems from February 26th to 28th 2019 (Hall 3A, booth #418).

**Machine Vision performance for embedded systems**The **Alvium Camera Series** is an innovative camera platform that combines the advantages of classic machine vision cameras with the advantages of embedded sensor modules: extensive functions for image correction and optimization, a large selection of state-of-the-art sensors, intelligent power management, cost-optimized design, and a small form factor with modular concept.

**ALVIUM® technology**, an Application-Specific Integrated Circuit (ASIC) with integrated image sensor processor (IPS) and image processing library (IPL) ), delivers industrial performance to embedded vision. By shifting image correction and processing tasks from the host to the camera’s ALVIUM® IPL, engineers can offload the CPU on their embedded boards for alternative processing tasks or reduce overall system cost by downsizing their host processor.

**Live demonstrations**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.Additionally, Allied Vision cameras and live demos are shown at the following booths:

* Antmicro Ltd.: Hall 4A, Booth #621
* NXP Semiconductors Germany GmbH: Hall 4A, Booth #220
* Toradex AG: Hall 4, Booth #410

**In brief**

* **Embedded World Exhibition 2019**
February 26-28, 2019
Nuremberg Exhibition Center
**Allied Vision booth: Hall 3A, Booth 418**
* **VDMA IBV Panel Discussion with the participation of Allied Vision and Antmicro**

"Embedded Vision & Machine Learning: new architectures and technologies boosting (new) vision applications"

February 27, 2019, from 10:30 - 11:30 AM

**Forum Hall 2**

* **Allied Visions presentations at the Embedded World Conference 2019**

"High Image Quality for Embedded Vision Applications"

Henning Haider

February 26, 2019, from 11:30 AM - 12:00 PM

"Bridging Embedded Vision and Machine Vision with a Hybrid Driver"

Mark Schenk, Sebastian Günther

February 26, 2019, from 5:00 PM - 5:30 PM

**Allied Vision company profile**For 30 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.

www.alliedvision.com

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