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| **Press Release** | **06.06.2017** |

Allied Vision presents the new Allied Vision 1 product line at Japan Image Sensing Show 2017

**Allied Vision participates for the first time at the Image Sensing Show in Japan, introducing a revolutionary vision technology for embedded systems**

*Tokyo, June 6, 2017* – From 7 – 9 June 2017, Allied Vision exhibits at the Image Sensing Show in Pacifico Yokohama in Japan for the first time. Allied Vision showcases an innovative new camera platform based on a unique processor technology at booth #88. **The new Allied Vision 1 product line** is a full range of digital cameras designed for embedded vision applications but fulfilling the high standards of industrial and scientific image processing also referred to as “machine vision”.

Allied Vision revolutionizes the embedded vision industry

Recognising the rise of embedded systems as an alternative for PC-based machine vision, Allied Vision’s engineers have entirely reinvented the camera architecture to create a technical platform that provides the best of both worlds:   
  
•    Broad sensor variety  
•    Advanced image pre-processing  
•    Compact form factor  
•    Low power consumption  
•    Industrial standards  
•    Excellent price/performance ratio

**Two camera families with MIPI CSI-2 and USB3 Vision**  
The first cameras building on the new platform are the Allied Vision 130 and 140 series. Both series are available with MIPI CSI-2 and USB3 Vision interface and a large choice of sensors. They are both powered by the ALVIUM® technology.

**The revolutionary ALVIUM® Technology**

The unique ALVIUM® technology is the core of the Allied Vision 1 product line. It consists in a proprietary chip design optimized for advanced digital imaging combined with a comprehensive image processing library (IPL) resulting from more than 25 years of expertise in machine vision.

**Allied Vision 1 Product Line “live”**

The Allied Vision booth will feature a live demonstration consisting of a programme on Video for Linux Two (V4L2), a two-layer driver system that allows a Live-view with multiple Regions of Interest (ROI) with the 1 Product Line on a Nitrogen6\_max. The Nitrogen6\_MAX is an i.MX6 single board computer that features the Quad-Core i.MX6 processor with notable upgrades to allow for high-end performance. This demo will display various properties such as “Live image”, “Face recognition” and “Multiple ROI”.

**New high-bandwidth camera Bonito PRO**

Allied Vision’s partner, Aprolink Corporation will also be displaying Allied Vision’s new camera family built for the high-speed market at booth #63. [The Bonito PRO](https://www.alliedvision.com/en/news/detail/news/allied-vision-introduces-high-bandwidth-cameras-with-coaxpress-interface.html), equipped with the CoaXPress interface, is ideal for huge volumes of data. The two new models, Bonito PRO X-2620 and Bonito PRO X-1250, will be available in Q3/2017.

Visitors can take the opportunity to get the latest news and discuss with experts from Allied Vision about the revolutionary new products.

[**ISS - Image Sensing Show 2017**](http://www.adcom-media.co.jp/isseng/outline/)

* 7 – 9 June 2017
* Pacifico Yokohama Hall D
* **Allied Vision Booth# 88**

**Allied Vision company profile**For over 25 years, Allied Vision has been helping people to see the bigger picture. Allied Vision supplies camera technology and image capture solutions for PC-based industrial machine vision applications and embedded systems. 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, China, France, and the UK, and is represented by a network of distribution partners in over 30 countries. [www.alliedvision.com](http://www.alliedvision.com)

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