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| **Press Release** | **03.05.2018** |

Allied Vision presents cameras with high-resolution, high-bandwidth, and embedded imaging at Vision China Shanghai 2018

Allied Vision will be showcasing Prosilica GT, Bonito PRO, and 1 Product Line at Vision China Shanghai 2018

Shanghai, China, Mar 05, 2018 – Allied Vision exhibits at Vision China in the Shanghai New International Expo Center, Hall W5 on 14 – 16 March 2018. Allied Vision highlights the wide camera offerings and advanced technology of the company on a 56-square meter booth.

The distinct focus of the booth this year lies on the high resolution and high bandwidth camera models which have been equipped with the ON Semi PYTHON CMOS sensors.

**Prosilica GT with ON Semi PYTHON Sensors**

The Prosilica GT Large Format camera platform is extended by high-resolution ON Semi PYTHON CMOS sensors with 12, 16 and 26 Megapixels. These cameras are ideal for high-definition imaging applications with demanding requirements on robustness and design-in flexibility. The rugged camera design, effective passive cooling, and comprehensive feature set make the Prosilica GT Large Format cameras the ideal choice to cope with harsh environments, extreme temperature variations and constant changing light conditions.

**High-bandwidth CoaXPress cameras**

The Bonito PRO is Allied Vision’s new high-bandwidth camera series and is equipped with 4 x CXP-6 ports enabling bit rates of 25 Gbit/s over four coaxial cables with a maximum communication distance of 68 meters. The Bonito PRO X-2620 and Bonito PRO X-1250 support the latest high-resolution ON Semi PYTHON CMOS sensors with 26.2 Megapixel and 12.5 Megapixel respectively. Thanks to their high-bandwidth coaXPress interface, the two new models deliver high frame rates at high resolution: 160 fps at 12.5 Megapixels and 80 fps at 26.2 Megapixels. The combination of ON Semi PYTHON CMOS sensors with the Bonito PRO’s rugged, fan-less housing design, and its comprehensive feature set which include sequencer mode and multi ROI make this camera an ideal choice for demanding imaging applications.

**Allied Vision 1 Product Line, camera for embedded vision**

The Allied Vision 1 product line is a new camera platform which combines the performance of a machine vision camera and the size, power consumption and price of an embedded camera module. The 1 product line is a full range of digital cameras designed for embedded vision applications while fulfilling the high standards of industrial and scientific image processing.

At the core of the 1 product line is the unique ALVIUM® technology. ALVIUM® is a proprietary chip design optimized for advanced digital imaging combined with a comprehensive image processing library (IPL) reflecting more than 25 years of expertise in industrial image processing.

The first camera families powered by ALVIUM® technology based on this platform are the 130 and 140 series. Both camera series will be available with MIPI CSI-2 and USB3 Vision interface and a wide range of sensors.

**Live Demonstrations**

At every demonstration tables of the Allied Vision booth, visitors can experience cameras live in action and compare the demonstrated tasks with their own requirements. One of the demonstrations showcases the high-resolution Prosilica GT 5120 with EF-Mount that enables fast and precise reading of smallest product bar codes, automatically focusing sequentially on subjects in different distances. On the other table, Bonito PRO X-2620 will be presented live, highlighting the high-bandwidth imaging, sequencer mode and multi ROI features. The last table will showcase multi ROI demo featuring the Allied Vision 130 camera series with CSI-2 interface which highlights a selection of the ALVIUM pre-processing.

Visitors can take the opportunity to discover the latest products and discuss their own inspection tasks with experts from Allied Vision.

**Vision China Shanghai – Hall W5, Booth #5602
March 14-16, 2018
Shanghai New International Expo Center**

**About Allied Vision**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 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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