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| **Press Release** | **13.06.2018** |

Allied Vision to showcase their GigE cameras and embedded vision camera at NEPCON Thailand 2018

Allied Vision will be presenting Mako, Manta and 1 Product Line at NEPCON Thailand 2018 in Bangkok on 20-23 June 2018.

Singapore, 13 June 2018 – Allied Vision exhibits on its third consecutive year at NEPCON Thailand 2018, from 20-23 June 2018 at Bangkok International Trade & Exhibition Centre (BITEC), hall 98/Booth #8C49.

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

The Allied Vision 1 product line is a 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 demo with Allied Vision 1 product line**

Allied Vision’s booth will showcase a series of demos featuring the Allied Vision 1 product line. The demos consist of a program on Video4Linux2 (V4L2), OpenCV running on Nitrogen\_6Max. Set at 15 fps, Allied Vision 130 C will be using real time algorithm to detect faces from live image.

**Defect inspection demo**

Using Mako G-131B and Mako G-507B to inspect the parts in PCI board for defect, this demo will showcase how vision systems can be implemented in defect inspection application. Mako, ultra compact affordable camera, offers simple plug and play integration into standard image processing systems. Mako cameras are equipped with the latest high-quality CMOS sensors to support the realization of future-oriented applications.

**Robot arm sorting inspection demo**

Manta is Allied Vision’s most versatile GigE Vision camera series. Numerous modular options, including angled head and board level versions, facilitate the camera integration in almost any application. The robot arm sorting inspection demo will showcase sorting and grouping electronic parts application featuring Manta G-505B. The advanced feature set of the Manta simplifies the setup of multi-camera applications and enables to reduce the overall cabling efforts and costs.

Beyond these demos, Allied Vision will showcase its wide range of machine vision cameras for industrial inspection. Visitors can take the opportunity to discover the latest products and discuss their own inspection tasks with experts from Allied Vision and its Thai partner, [Dynatech Instrument](http://dynatech.co.th/).

**NEPCON Thailand 2018
20 - 23 June 2018
Bangkok International Trade & Exhibition Centre (BITEC)
Hall 98/Booth #8C49**

**Profile of 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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