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| **Press Release** | **13.06.2017** |

Allied Vision to showcase their latest camera platform, 1 Product Line, at Nepcon Thailand 2017

Allied Vision will be presenting the new Allied Vision 1 product line powered by ALVIUM® technology at Nepcon Thailand 2017 in Bangkok on 21-24 June 2017.

Bangkok, Thailand, 13 June 2017 –, Allied Vision exhibits on its second consecutive year at Nepcon Thailand 2017, from 21-24 June 2017 at Bangkok International Trade & Exhibition Centre (BITEC), hall 98/Booth #8C12.

Visitors can discover the all new Allied Vision 1 product line that combines the performance of a machine vision camera and the size, power consumption and price of an embedded camera.

**Allied Vision 1 product line** is a complete range of digital cameras designed for embedded vision applications while fulfilling the high standards of industrial and scientific image processing, also referred to as “machine vision”.

With the rise of embedded systems as alternative of PC-based machine vision, Allied Vision has completely reinvented 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

**Revolutionary ALVIUM® Technology**

Allied Vision’s very own “system on chip” and the core of Allied Vision 1 product line combines a proprietary processor and a comprehensive image processing library perfectly tuned to each other. This groundbreaking innovation makes it possible to pack sophisticated image pre-processing features into a miniaturized, low-power and low-cost processor.

**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.

**Live demo with Allied Vision 1 product line**

Allied Vision booth will showcase a series of demos featuring 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. Allied Vision 130 C will also be featured in object detection demo which allow object tracking by color recognition.

**Dimension measurement demo**

Using Mako G-125B and Mako-131B to measure box X-Y dimension, this demo will showcase how vision systems can be implemented in product measurement application. Mako, ultra compact affordable camera, offers simple plug and play integration into standard image processing systems.

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 2017
21 – 24 June 2017
Bangkok International Trade & Exhibition Centre (BITEC)
Hall 98/Booth #8C12**

**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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