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| **Press Release** | **17.1.2017** |

Allied Vision’s new Manta CMOS and Goldeye SWIR cameras highlight Photonics West 2017

Allied Vision will be exhibiting at SPIE Photonics West 2017 and showcasing its latest Manta CMOS and Goldeye short-wave infrared (SWIR) camera models.

San Francisco, California, January 17, 2017 – Allied Vision will be exhibiting at SPIE Photonics West 2017 in San Francisco, California at the Moscone Center from January 31 – February 2, 2017. Two new Manta CMOS models, using the latest sensors from Sony, and the Goldeye SWIR will be showcased.

**Manta CMOS Cameras: Two New High Resolution Models**  
The Manta Gigabit Ethernet (GigE) camera, Allied Vision’s versatile digital machine vision camera, is a great solution offering Power over Ethernet (PoE) variants, NIR enhanced models, and numerous modular capabilities. Two new models have been added using Sony CMOS sensors, bolstered by its Pregius global shutter CMOS technology:

* **Manta G-895**: equipped with Sony’s IMX267 CMOS sensor, the Manta G-895 offers a resolution of 8.9 Megapixels (4112 x 2176) at 13.4 frames per second using a Gigabit Ethernet (GigE) interface.
* **Manta G-1236**: fitted with Sony’s IMX304 CMOS sensor, the Manta G-1236 provides 12.4 Megapixels (4112 x 3008) at 9.7 frames per second through a GigE interface.

Both Manta models offer useful camera control features, such as Trigger over Ethernet (ToE) which can be used to trigger the camera via the Ethernet port. This simplifies system integration as one cable can be used to power and trigger the cameras. Image optimization features, such as auto gain and binning, are also available in each model. All Manta cameras can be operated within multiple imaging processing systems through Allied Vision’s software development kit (SDK), Vimba.

**Goldeye SWIR: GigE and Camera Link short-wave infrared imaging**

Goldeye SWIR cameras use InGaAs sensor technology which is sensitive in the short-wave infrared spectrum of 900 to 1,700 nm. Its compact, ruggedized housing of 55mm x 55mm x 78 mm and numerous features, such as integrated thermo-electric sensor cooling, on-board image correction and comprehensive I/O control opinions, make the Goldeye a perfect fit for advanced imaging applications (hyperspectral imaging, thermal imaging, or laser beam profiling). Three models are available with either GigE or Camera Link interface: **Goldeye G/CL-008 SWIR** (320 x 256 resolution, 344 frames per second), **Goldeye G/CL-032 SWIR** (0.3 Megapixel resolution, 100 frames per second), and **Goldeye G/CL-033 SWIR** (0.3 Megapixel resolution, 301 frames per second).

**Booth #306**  
SPIE Photonics West 2017  
January 31 – February 2, 2017  
Moscone Center, San Francisco, California, USA

**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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