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| **Press Release** | **12.12.2016** |

Out now: Allied Vision Manta G-895   
with 8.9 Megapixel Sony CMOS sensor

New GigE Vision camera incorporates the high-quality Sony IMX267 CMOS sensor with PregiusTM global shutter technology.

*Stadtroda, Germany – December 13, 2016.* Allied Vision keeps expanding its camera portfolio with the latest CMOS sensors. Only three weeks after its presentation at the VISION show in Stuttgart, the new Manta G-895 is now available for sale.

**High resolution and high image quality**The Manta G-895 incorporates the IMX267 CMOS sensor out of Sony’s popular Pregius series. This image sensor has a resolution of 8.9 megapixels (4112 x 2176). Like all Pregius sensors, it delivers an unprecedented image quality for a CMOS sensor, equaling or even outperforming comparable CCDs. The IMX267 has a high saturation capacity and very low noise resulting in exceptional dynamic range. The Manta G-895 achieves up to 13.4 frames per second at full resolution. Higher frame rates are possible by reducing the region of interest.

**Rich features and high versatility**With the new Manta G-895, users can take advantage of the benefits of this new sensor along with the flexibility of Allied Vision’s Manta platform. The camera provides a rich feature set for image optimization and pre-processing. These features include auto gain, exposure, white balance settings, gamma correction and look-up tables with which users can tailor image corrections to their needs. The Manta G-895 also includes the new Trigger over Ethernet (ToE) feature demonstrated by Allied Vision at the VISION show in Stuttgart last month.

Thanks to the Manta’s modular concept, users can choose from a large variety of hardware options including Power over Ethernet, angled heads, optical filters, lens mounts, and a board-level variant for easy integration. Easy integration is also granted on the software side: The Manta G-895 is supported by all popular image-processing libraries and Allied Vision’s Vimba 2.0 software development kit allows easy configuration with its new intuitive user interface.

The new Manta G-895 is available as of now.

**Manta G-895 at a glance:**

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|  | Manta G-895 |
| Sensor | Sony IMX267 |
| Sensor Type | CMOS |
| Shutter Type | Global |
| Resolution | 4112 (H) × 2176 (V); 8.95 MP |
| Sensor Size | Type 1; 16.1 mm diagonal |
| Cell Size | 3.45 μm x 3.45 μm |
| Interface | GigE Vision |
| Frame Rate (at full resolution) | 13.4 fps |

**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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