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| **Press Release** | **20.07.2016** |

New Allied Vision CMOS cameras for high quality imaging

**Manta G-319 & Manta G-507 with SONY PregiusTM CMOS Sensors released**

Stadtroda, July 20, 2016 – Allied Vision adds two new camera models with the very popular Sony PregiusTM CMOS sensors to its high performance camera portfolio. These new global shutter sensors outperform traditional global shutter CMOS sensors by having a high saturation capacity and very low noise resulting in an exceptional dynamic range.

The Manta G-319 powered by the 3.1 megapixel Sony IMX265 sensor, and the Manta G-507 utilizing the 5.0 megapixel Sony IMX264 sensor will provide great options for high-quality imaging. Due to their superior performance, these cameras will be the best candidates to replace existing CCD cameras with similar resolution and optical formats.

**Single cable solutions with Trigger over Ethernet**

The Manta is Allied Vision’s most versatile GigE Vision camera with a wide range of features. Particular highlights are on-board image processing features such as look-up tables and sophisticated color correction capabilities. In addition, numerous modular concept options – including angled heads and board level versions – facilitate the integration in almost any application.

The new Manta G-319 and Manta G-507 are the first Allied Vision camera models offering the Trigger over Ethernet (ToE) Action Commands feature. ToE enables to externally trigger GigE cameras in a network through the Ethernet cable. This means that Manta cameras can now be triggered via its Power over Ethernet connection and enable users to realize single cable solutions with data, power and trigger capabilities. Furthermore, all action command related configurations can be saved in the camera’s user sets.

The Manta G-319 as well as Manta G-507 are available as monochrome and color camera models.

**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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