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| **Press release** | **July 28, 2022** |
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Out now: Allied Vision’s Alvium G1 with GigE and Alvium G5 series with 5GigE Vision Interface

Allied Vision extends its Alvium camera portfolio with two new GigE camera series powered by ALVIUM® Technology

*Stadtroda, Germany, July 28, 2022* – Allied Vision’s Alvium platform does now include industrial vision cameras with a GigE Vision interface. Next to USB3 Vision and MIPI CSI-2, users can choose between two speed levels of the GigE Vision interface. Within the Alvium G1 camera series with GigE Vision interface 14 models offering resolutions up to 24.6 MP will be available at first release. The Alvium G5 series with 5GigE Vision interface starts with 11 different high performance Sony IMX image sensors. The models cover a broad spectral range including UV, visible light, NIR, and SWIR. With superior image quality through FPNC, DPC, Active Sensor Alignment, and industrial standard hardware, both Alvium G1 and Alvium G5 cameras provide future-proof reliability for vision applications. The new series increase the flexibility of the Alvium platform concept and offer the user even more options to choose from.

**Alvium G1 - Compact GigE camera for excellent image quality**The Alvium G1 camera series comes in a future-proof package with a comprehensive feature set including a broad selection of the most popular sensors in machine vision. By using Allied Vision’s Alvium chip and the latest industrial standard hardware, it can easily be integrated into any vision system while ensuring long-term availability and reliability.

Short facts:

* Resolution: up to 24.6 megapixels
* Sensor: CMOS global and rolling shutter sensors from Sony and ON Semi
* Frame rates: up to 276 frames per second
* Housing options: Closed Housing
* Lens mount options: C-Mount, CS-Mount, or S-Mount (M12)
* Image colors: Monochrome and color (UV, NIR & SWIR coming soon)
* Operating temperature: -20°C to +55°C

**Alvium G5 - The easy upgrade for more performance**The Alvium G5 camera series offers all the advantages of the GigE Vision standard while providing more bandwidth for applications, where resolution and frame rate are critical. The Alvium G5 camera series enables an easy upgrade of existing systems (USB3 Vision or GigE Vision) and offers backwards compatibility with GigE solutions.

Short facts:

* Resolutions: up to 24.6 megapixels
* Sensor: CMOS global and rolling shutter Sony IMX sensors
* Frame rates: up to 464 frames per second
* Housing options: Closed Housing (60 mm × 29 mm × 29 mm)
* Lens mount options: C-Mount, CS-Mount, or S-Mount (M12)
* Image colors: Monochrome and color (UV, NIR & SWIR coming soon)
* Operating temperature: -20°C to +60°C

**Allied Vision company profile**For more than 30 years, Allied Vision has been helping people to reach their imaging goals. Allied Vision supplies camera technology and image capture solutions for industrial inspection, medical and scientific imaging, 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 nine locations in Germany, Canada, the United States, Singapore and China and is represented by a network of sales partners in over 30 countries. Allied Vision is member of the TKH Group.

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