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| **Press release** | **October 4, 2022** |

New: UV sensitivity now available in Allied  
Vision’s Alvium Camera series

Allied Vision equips Alvium cameras with UV CMOS sensor from Sony

*Stadtroda, Germany, October 4, 2022* – The latest addition to Allied Vision’s Alvium camera series are camera models featuring Sony’s IMX487 CMOS sensor with ultraviolet (UV) sensitivity. With the implementation of the innovative, backside illuminated, global shutter UV CMOS sensor, Allied Vision extends the capabilities of the Alvium cameras for applications in the ultraviolet spectral range. Alvium UV cameras are the smallest industrial grade ultraviolet imaging devices on the market ideally suitable to build extremely compact OEM systems for embedded and machine vision applications, such as battery inspection, UV microscopy, or forensic inspection.

**High-quality UV imaging**The new Alvium UV models incorporate the innovative 8.1 MP Sony Pregius S IMX487 CMOS sensor especially designed for the waveband between 200 nm to 400 nm. This makes them suitable for many industrial and scientific imaging applications in the near- and mid-UV range requiring high quality UV images with low noise at high resolution and frame rates. With the industry‘s smallest pixel size of only 2.74 μm, the cameras are able to detect the smallest details at high UV sensitivity

**New Alvium UV models at a glance**

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| **Model** | **Spectral Range** | **Resolution  (H × V)** | **Frame Rate** | **Pixel size** | **Optical Format** |
| **Alvium G5-812** | 200 nm -400 nm | 8.1 MP 2848 (H) x 2848 | 58 fps | 2.74 µm x 2.74 µm | Type 2/3 |
| **Alvium U-812** | 51 fps |
| **Alvium C-812** | 58 fps |
| **Alvium G1-812 (coming soon)** | 14 fps |

The industrial grade Alvium UV cameras, which include free of charge software and drivers, provide a plug & play experience whenever setting up machine vision applications beyond the visible - independent if it’s based on a PC or embedded system. The small form factor and low weight makes Alvium UV cameras ideally suitable for OEM system designs.

**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 a TKH Technology Company.

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