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| **Press release** | **June 21, 2019** |

Allied Vision starts serial production of Alvium in Stadtroda  
Highly automated production unit for Alvium officially inaugurated

*Stadtroda, Germany, June 21, 2019* – Allied Vision has installed a new highly automated production line for the series production of its revolutionary Alvium camera series at its headquarters in Stadtroda. On June 21st, the production line was inaugurated at a ceremony attended by local politicians, the media, suppliers, and business partners.

**Innovative production for an innovative product**With the revolutionary Alvium camera series, Allied Vision has created a groundbreaking innovation for the future of image processing. The company has developed ALVIUM® technology, a proprietary Application-Specific Integrated Circuit (ASIC) with an integrated image signal processor (ISP) and a comprehensive image processing library (IPL). A lot of time, energy, and money was invested to build an automated high-tech production line to produce the new camera series.

The new production line was specially designed to meet the requirements of the camera series manufacturing process and was produced in Germany. The required individual parts such as electronics, optical filters, and housings are assembled in an automated, sealed clean room system. Each component is automatically cleaned using a patented process before the camera is assembled. A wide selection of lens mounts (C-Mount, CS-Mount or S/M12-Mount) and housing variants (bare board, open, or closed housing) can be produced on the system.

All processes comply with the quality requirements for clean rooms (ISO class 6 and 8) and are TÜV-certified according to the quality management regulations ISO 9001 and ISO 13485 for medical technology. The entire process is monitored by an image processing system equipped with cameras from Allied Vision.

**High quality at a reasonable price**A special quality criterion for industrial cameras is the automated sensor alignment, which ensures razor-sharp and distortion-free images. The innovative mounting technology used in the system guarantees precise alignment of the sensor and makes Alvium cameras particularly reliable and fast to use without additional alignment. At the end of production, this optical precision is measured on each finished camera and the results are reported back to the machine so that it can continuously improve. A short cycle time enables the production of a large number of cameras at a competitive selling price.

Gerd Völpel, Chief Operations Officer of Allied Vision, is delighted with the startup of the new system noting "The new Alvium production line sets new standards in quality and efficiency in industrial image processing. Thanks to this fully automated system, we are able to offer our customers highly innovative camera modules at an unbeatable price/performance ratio - and with the highest quality "Made in Germany"."

**Allied Vision company profile**For 30 years, Allied Vision has been helping people to reach their goals focusing on what counts. Allied Vision supplies camera technology and image capture solutions for industrial machine and embedded vision applications. 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 U.S., Singapore, China, France, and the UK, and is represented by a network of distribution partners in over 30 countries.   
Allied Vision is member of the TKH Group.  
  
www.alliedvision.com

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