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Basler Expands 3D Portfolio with Stereo Cameras for Vision-Guided Robotics

**A new model series of stereo cameras with coordinated application software complements Basler's 3D product range for vision-guided robotics for applications in factory automation and logistics.**

**Ahrensburg, March 26, 2024 –** Basler AG continues to expand its 3D imaging offering and adds the industrial-grade camera series Basler Stereo visard to its product portfolio. Robots equipped with Basler Stereo Cameras can perceive their surroundings in high resolution. The five model variants are available in basic distances of 65 millimeters and 160 millimeters, each in monochrome and color versions. All cameras are equipped with a pre-installed, modular onboard software package suitable for typical robotics applications such as object recognition or bin picking.

The idea behind the Basler Stereo visard camera series is based on a plug-and-play computer vision solution that requires neither experience nor expertise in machine vision. Thanks to onboard processing, the cameras can be integrated directly - without an external computer. The software package already installed on the camera contains six modules that are adapted to different robotics applications and can be individually selected.

For this expansion of its 3D product portfolio, Basler is working closely with Munich-based Roboception GmbH, a specialist for hardware and software products in the field of 3D sensor technology. Sebastian von Holdt, Head of Product Management 3D Image Acquisition at Basler, is pleased about the successful partnership for both companies: "The expansion of Basler's 3D Vision portfolio is an important step to support our customers and a necessary response to the many challenges in the robot-based automation of their processes. The close cooperation with our partner Roboception enables our customers to deploy intelligent stereo solutions that stand out due to their unique user-friendliness, making the implementation of vision-guided robotic applications possible for a wide range of customers."

**Image caption: The Basler Stereo visard camera series is available in model variants with base distances of 65 and 160 millimeters and in both monochrome and color.**

Basler AG is an international leader and experienced expert in computer vision. The company offers a broad coordinated portfolio of vision hardware and software. In addition, it enables customers to solve their vision application issues by developing customer-specific products or solutions. Founded in 1988, the Basler Group employs more than 1,000 people at its headquarters in Ahrensburg, Germany, as well as other sales and development locations throughout Europe, Asia, and North America. The company invests significant resources in the development of innovative, reliable products with an excellent price/performance ratio. Thanks to its global sales and service organization, as well as cooperation with renowned partners, Basler has been delivering solutions to customers from a wide range of industries for over 30 years.

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