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Stereo ace for Precise 3D Images Even with Challenging Surfaces

**The new high-resolution Basler Stereo ace complements Basler's 3D product range with an easy-to-integrate series of active stereo cameras that are particularly suitable for logistics and factory automation.**

**Ahrensburg, July 10, 2025** – Basler AG introduces the new active 3D stereo camera series [Basler Stereo ace](https://preview.baslerweb.com/en/cameras/basler-stereo-cameras/stereo-ace/) consisting of 6 camera models and thus strengthens its position as a reliable expert in 3D vision. The cameras impress with precise 3D images and high resolution, even with challenging surfaces, at an attractive price. As active 3D cameras with an integrated projector, they are supplied calibrated ex works and can therefore be used quickly and reliably. Customers can benefit from stable 3D data, not least thanks to the system's dynamic self-calibration during operation.

In addition, the Basler Stereo ace is characterized by extremely low latency, which ensures particularly fast availability of the 3D data.

The stereo cameras are available in baselines of 100, 200 and 300 millimeters, each in monochrome and color versions, and can also be easily and quickly adapted to a wide range of customer requirements. In addition to the pattern projector, the stereo camera unit includes two ace 2 5 MP cameras with GigE interface and a mounting bracket as standard. Other Basler camera models, lenses, the baseline and the lighting can be flexibly adapted as required.

Basler Stereo ace cameras are compatible with the pylon Software, so that the stereo camera can be put into operation with the usual ease. In addition, the stereo ace camera is compatible with the Basler Application Software for Robotics, which is predestined for use in pick-and-place applications.

**Pick-and-place in the logistics sector: the application for the Basler Stereo ace**

Basler's active stereo camera is the ideal solution for demanding tasks in the logistics sector and can be used for automated sorting, separating and dimensioning of goods, for example. The stereo ace can be used to obtain precise information about the size and orientation of objects. Thanks to the recorded data, the vision system enables robots to grip the goods securely and transport them to the desired location. Even with challenging object surfaces, Basler's Stereo ace camera delivers accurate 3D information with minimal latency. This increases efficiency, reduces errors and enables seamless automation in the logistics sector.

For more information go to baslerweb.com/stereo-ace

**Image caption: The Stereo ace 3D camera is available in model variants with baselines of 100, 200 and 300 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 around 850 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 35 years.

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