FOR IMMEDIATE RELEASE

Basler Expands Lighting Control Options

**Basler's SLP feature for lighting control is now available on almost all Basler cameras, along with new multi-channel lighting controllers.**

**Ahrensburg, October 17, 2023** – Basler's proprietary SLP feature is now available on nearly all Basler camera series, including the ace 2, boost R, ace U, and ace L. Combining a SLP-equipped camera with the Basler SLP Controller enables lighting to be easily integrated into the vision system using pylon software. In particular, the unique automatic flash synchronization can significantly reduce development time on the customer side.

Basler SLP controllers are available in two formats: either already integrated in the lights (the Basler Premium Camera Lights) or used as external controllers (with the Basler Standard Lights). Thanks to the SLP feature, lights can be operated in different modes, including: continuous light, strobing (flash operation), or overdrive (operating with higher light intensity). Soon, the Basler ace 2 X visSWIR cameras will also be equipped with the SLP feature.

Basler is also expanding its vision portfolio with two new cost-effective lighting controllers. The Basler Standard Controllers are available with two (2C) or four (4C) channels to provide lighting control in a vision system. This means a single controller could control up to four lighting systems for one application, saving costs. With the new Basler Lighting Controllers, lighting can be switched to continuous mode or triggered synchronously with the camera (pulsed mode). The lighting control can either be set manually (directly on the hardware) or, in the case of the 4-channel controller, also via a web interface.

The new lighting controllers have already been added to the Basler Illumination Advisor. This is a free online tool designed to be used right at the beginning of the development process to select compatible lighting components matched to the vision system. Users are guided step-by-step to a selection of lighting components tailored to their needs, allowing them to save time.

**Image caption: Lighting control with Basler Lighting Controllers**

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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