

# Basler's Components



- Best value for your money
- Perfect match with our Basler cameras
- Broad and qualified portfolio
- Thoroughly tested products
- No over-engineering
- Professional consultancy through extensive vision know-how

# OVERVIEW

## Basler's Components Enhance Your Vision

For the best image quality you need components which work perfectly together. Basler offers an extensive portfolio of various components. Our cooperation with certified suppliers facilitates the operation of a high-performance image processing system. An overall overview of our accessory portfolio can be found on our website [www.baslerweb.com/accessories](http://www.baslerweb.com/accessories).

### Perfect Match

An image processing system needs more than just a camera, lens and light source. A stable vision system also requires accessories for handling data transfer. Basler offers a wide variety of more than 200 accessories such as lenses, I/O cables, power supplies, data cables, host adapter cards, hubs or switches designed to help you get the most out of your camera. To ensure full compatibility, all accessories are tested to work seamlessly with our cameras.

### Basler Original Equipment

The accessories market for machine vision cameras is broad and deep. Therefore, Basler offers products such as the Basler Lenses or I/O cables which are specifically developed for our cameras, meaning camera and lens or cables harmonize perfectly with one another. The concept of these components is based on our long-time market expertise and image processing know-how.

The components are produced exclusively for us and are available only from Basler. All products with the Basler Original Equipment seal allow top performance when combined with Basler cameras.



# BASLER'S COMPONENTS

Our lens portfolio includes our own **Basler Lenses** with a resolution of 5 MP which are designed for cameras with sensors sized  $\leq 1/2"$ . Furthermore, we offer a broad selection of **additional lenses** from certified suppliers. Our experts help you with choosing the right lens based on your individual requirements.



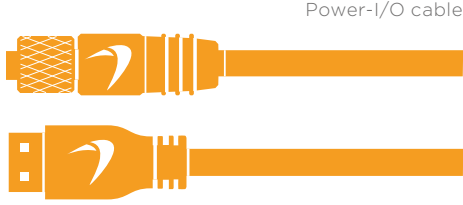
Our broad portfolio supplies you with suitable **I/O- and Power-I/O cables** for each camera. They offer flexible trigger capabilities and are EMI tested for the protection of your camera and your application.



Basler Lens



Basler ace camera



Power-I/O cable

Cable USB 3.0

- Power Supplies
- Hubs
- Host Adapter
- More...

We also offer a wide selection of **data cables** for all camera interfaces to enable top performance when combined with Basler cameras. High quality for special requirements - our cables are applicable for **drag chain** or **robotic applications**, and are suitable for limited space thanks to different angled connectors.



Carefully selected **host adapter, (PCI) cards, hubs** and **switches** are important for a stable vision system. They are suitable for a wide range of applications and cover various performance requirements. Our portfolio also includes **power supplies** with EMI protection and **mounting aids** for a simple installation of your camera.



## Basler Sales and Support Team – Worldwide in Your Area

We maintain a worldwide network of subsidiaries, offices and distributors to ensure that Basler customers always have a knowledgeable contact person in their area. From the Asia-Pacific area, across the Americas, Africa, Europe to the Middle East, Basler supports you with the selection of suitable components for your vision system.

If you have any specific questions or comments please contact us: [www.baslerweb.com/sales](http://www.baslerweb.com/sales)

## Technical Application Support

The 100% compatibility of all components determines the performance of your vision system. This complex issue includes many more facets than just mechanical dimensions or voltages.

All members of our worldwide Support team have years of experience in various fields of vision appli-

cations and markets. Through active knowledge sharing and continuous education, we ensure up-to-date information resources, even in the broad and fast changing market of vision accessories.

Get in touch with the Basler Support team to benefit from our experience and knowledge, to ensure the best results in your vision business: [www.baslerweb.com/support](http://www.baslerweb.com/support)



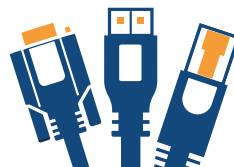
## Our Online Tools

In addition to our strong Sales and Support team, we offer comprehensive tools to assist you in your research and decision making process for suitable components for your vision system [www.baslerweb.com/support](http://www.baslerweb.com/support)



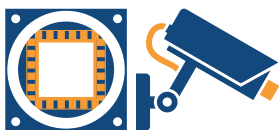
### Lens Selector

Our lens selector helps you to find the right lens for your Basler area scan camera. Using parameters such as focal length, angle of view, working distance and object size, it provides you with a suggestion of suitable lenses.



### Interface Advisor

If you are unsure about what digital camera interface to choose, you can use the Basler Interface Advisor. This tool helps you decide which interface suits your individual requirements best.



### Camera Selector

For an overview of all Basler area scan cameras, line scan cameras, and network cameras you can use our convenient camera selector. The tool offers you additional criteria such as resolution, sensor and optical size, to find the models that suit your needs.



### Download Section

Our document download section, offers you all product-related documents such as datasheets, manuals, certificates as well as white papers and success stories. Additionally, you can download Basler software such as the pylon Camera Software Suite, IP camera firmware, or our Frame Rate Calculator for free.



# WHY BASLER

## Customer challenges:

## Basler offers components and support that are just right for your requirements

Components from multiple suppliers are **not necessarily working** well together.

- **Performance stability** through high quality standards.
- **Thoroughly tested** Basler components (cables, lenses and more) in combination with our cameras.
- Cooperation with **certified suppliers** for consistent quality.

For a single system you might need to contact **multiple companies** explaining your requirements or setting up a purchasing process.

- **One-stop-shopping** at Basler means one contact person at Basler in your region.
- **One face to the customer:** Professional support and service for all Basler components (cameras, lenses, cables and more).

Over-engineering – Paying for **features you don't need**.

- **Lean design** at Basler: Perfect fit of camera and vision components based on 30 years of vision experience. (e.g. Basler Lenses for small sensors).
- **Broad product portfolio** from complex performance-driven set-ups to simple, economical ones. You only pay for what you actually need.

Production facilities or inspection line environments need to run in a stable way. Failure of one or multiple components can cause a **stop of your production** which leads to **high costs**.

- **Minimal change in parts**, due to careful product selection and suppliers with checked test protocols.
- **High reliability** based on professional supplier quality management and defined quality standards.

To build a vision system **requires a broad variety of skills** (e.g. optics, data transfer, electronics, IT) and a professional supplier network.

- **Comprehensive support and services** to find perfect components for your application.
- **Support by experts** – In-house vision know-how through many years of experiences.
- **Basler has an extensive portfolio** of lenses, cables and other accessories for various applications based on our own designs and also on a worldwide supplier and partner network.

## OTHER INFORMATION

### Quality and Compliance

Quality is one of the main focuses at Basler. Our quality management system helps us to constantly extend and improve our performance. Compliance with

- CE
- UL
- RoHS and
- REACH

is, among other initiatives, part of our quality promise.

Furthermore, we are approved as a “Known Consignor” and are RoHS 1 and 2 as well as China RoHS compliant, and are certified as an Authorized Economic Operator (AEO) and CE certified.

To optimize our operations and processes even further, we prepared and successfully implemented a comprehensive quality management system. In the spirit of ISO 9001:2008, we are working with an integrated management system with a focus on continuous improvement in all operational processes.

We are continually investing in new ways to maximize our manufacturing and testing capabilities and make sure that each product performs in the field.

For detailed information, please visit [www.baslerweb.com/quality](http://www.baslerweb.com/quality)

### About Basler

Founded in 1988, Basler is a leading global manufacturer of high quality digital cameras and lenses for factory automation, medical & life sciences, retail and traffic applications. The company employs 500 people at its headquarters in Ahrensburg, Germany and subsidiaries in the United States and Asia.

Basler's portfolio of products offers customers the vision industry's widest selection of industrial and network cameras as well as lenses. Today it includes some 300 camera models – and it's still growing. We're committed to developing technology that drives business results for our customers: cameras and lenses that are easy to use, easy to integrate, and deliver an exceptional price/performance ratio.



**Basler AG**  
**Germany, Headquarters**  
Tel. +49 4102 463 500  
[sales.europe@baslerweb.com](mailto:sales.europe@baslerweb.com)

**Basler, Inc.**  
**USA**  
Tel. +1 610 280 0171  
[sales.usa@baslerweb.com](mailto:sales.usa@baslerweb.com)

**Basler Asia Pte Ltd.**  
**Singapore**  
Tel. +65 6367 1355  
[sales.asia@baslerweb.com](mailto:sales.asia@baslerweb.com)

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