

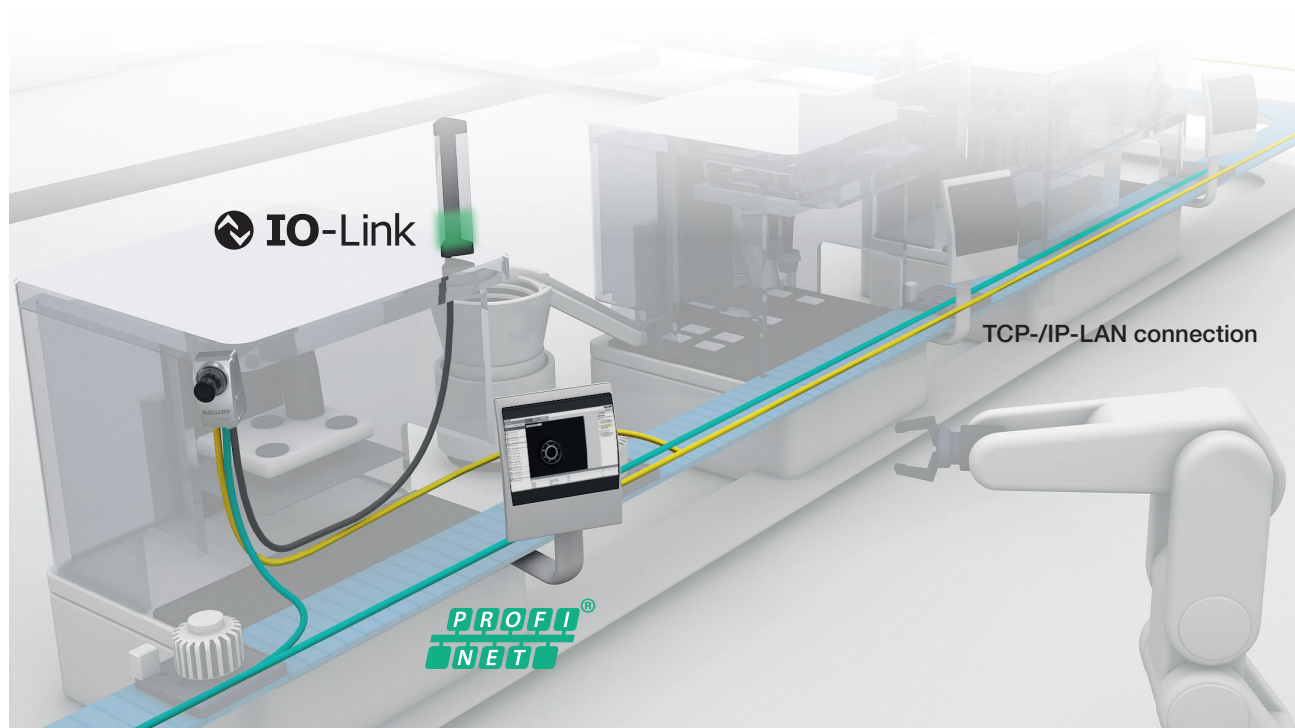
Balluff Vision Solutions SmartCamera BVS SC

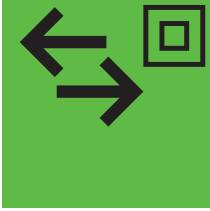
Simple, software-assisted implementation of individual inspection tasks

- Logical tools
- Flexible operation and quick deployment
- Reliable, application-appropriate results management
- Well connected: Gigabit Ethernet, Profinet, IO-Link, digital IOs
- Can be managed remotely



The BVS SC SmartCamera enables early detection of product defects in the manufacturing process and ensures overall quality control. Capable of recognizing machine codes and text and assists robots in positioning. The Common Web browser is used to manipulate the SmartCamera settings, generate inspection programs and provide tests results to the controller or file servers. The SmartCamera is networked by means of digital in-/outputs, standard LANs or Profinet. The interfaces can be freely configured. Additionally, the IO-Link master interface allows for the connection of multiple devices such as RFID readers or sensors.





Description	SmartCamera BVS SC BVS002C	SmartCamera BVS SC BVS002A
Application area	Identification, general image analysis	Identification, general image analysis
Principle	CMOS, 1/1.8", monochrome, Global Shutter	CMOS, 1/1.8", monochrome, Global Shutter
Interfaces	LAN (Gigabit Ethernet), 8 × IO	LAN (Gigabit Ethernet), 8 × IO, Profinet, IO-Link-Master
Image resolution	1280 × 1024 pixels	1280 × 1024 pixels
Lens	C-Mount	C-Mount
Data memory	4 GB RAM, 1 GB SDRAM	4 GB RAM, 1 GB SDRAM
Housing material	Painted aluminum	Painted aluminum
Weight	360 g	360 g
Degree of protection per IEC 60529	IP67 (with protective tube)	IP67 (with protective tube)
Ambient temperature	0...+55 °C	0...+55 °C

Not included in the scope of delivery: protective tube, lens, filter, light, connection cable; see www.balluff.com



Accessories



Description	Protective tube	12 mm C-Mount lens	3D holding system	Ring light
	BAM02NA	BAM02FC	BAM01YT	BAE000J

Many additional products can be found in our catalogs or online at: www.balluff.com



Connectors



Description	Power cable	LAN cable	IO cable	Profinet cable
Length	2 m	2 m	2 m	2 m
	BCC032F	BCC0HZK	BCC06K7	BCC04K7

Other cable materials, colors and lengths on request



Services



Service – You can rely on our support over the entire life cycle of our products and solutions: Including the design and planning of your projects, testing and setup on site, and training and support. For more information, visit us online at www.balluff.de/services

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