

High-performance industrial system with BVS Cockpit and industrial controller

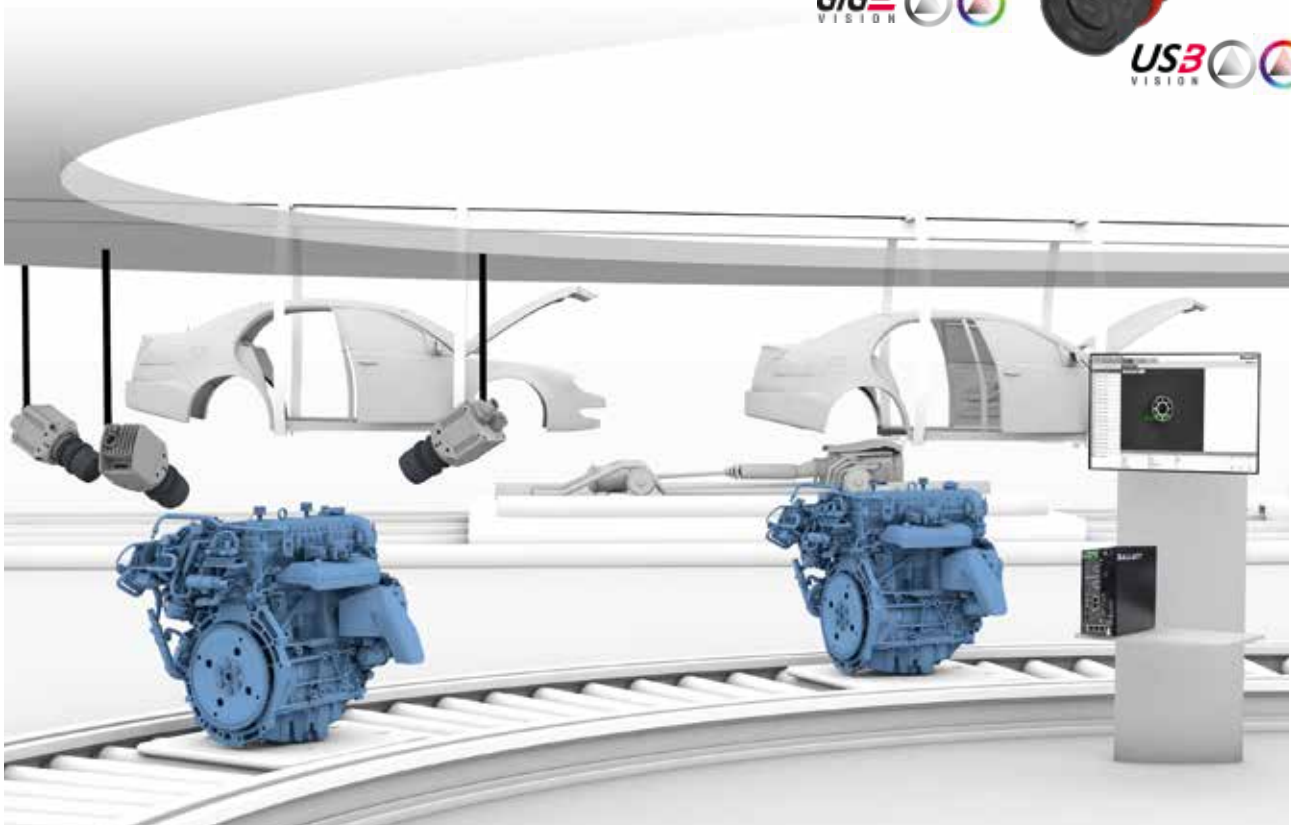
VISION SOLUTIONS – INDUSTRIAL CAMERA

With our industrial cameras you create outstanding images and profit from especially fast image transmission. The simple BVS Cockpit user interface lets you operate the industrial camera with no prior knowledge and configure it to your individual requirements. Select between color or black-and-white and four different image resolutions. This offers you great flexibility in installation because wherever you locate the compact camera, its high resolution guarantees tack sharp images and the best inspection results.

For use with the BVS Cockpit system, our industrial cameras need an SmartVision Controller with integrated software. Since you can connect several cameras to a controller at the same time, multiple inspections are also possible. One inspection can be carried out from different angles of view simultaneously. This not only increases the quality of the inspection, but is also especially economical, since you can check for different things and process their results simultaneously using the industrial controller.

Features

- Flexible, application-optimized use of multiple industrial cameras
- Optimized image data processing
- Fast data processing based on the user-friendly BVS Cockpit interface
- Standardized process interfaces TCP IP/UDP or Profinet
- Remote control in networked locations



INDUSTRIAL CAMERA



SMARTVISION CONTROLLER



Monochrome, 1.6 MP	BVS003A	BVS003M
Color, 1.6 MP	BVS003C	BVS003N
Monochrome, 3.2 MP	BVS0038	BVS003K
Color, 3.2 MP	BVS0039	BVS003L
Monochrome, 5.1 MP	BVS0036	BVS003H
Color, 5.1 MP	BVS0037	BVS003J
Monochrome, 12.4 MP	BVS0034	BVS003E
Color, 12.4 MP	BVS0035	BVS003F
Dimension	40 x 40 x 68.7 mm	40 x 40 x 50.9 mm
Sensor chip	CMOS	CMOS
Lens	C-Mount	C-Mount
Data interface	GigE Vision	USB3 Vision
Digital interface	4 inputs, 4 outputs	2 inputs, 4 outputs
Operating temperature	0...+45 °C	0...+45 °C
Housing material	Aluminum	Aluminum
Protection degree	IP67	IP30
Weight	140 g	110 g

	BAE0103
Description	SmartVision Controller
Dimension	192 x 229 x 88 mm
Power supply	15...24 V
Operating system	Linux, BVS-Cockpit
Processor	i7 – 6700TE
RAM	16 GB DDR4
Hard drive	256 GB SSD
Interfaces	2 x LAN 4 x GIGE-LAN 4 x USB3 4 x USB2 2 x Profinet
Application software	BVS-Cockpit with HALCON license
Operating temperature	+10...+50 °C
Housing material	Sheet steel, coated
Weight	2700 g

Power supply and mounting system included in scope of delivery

Not included: Lens, connection cable and other accessories, see www.balluff.com

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