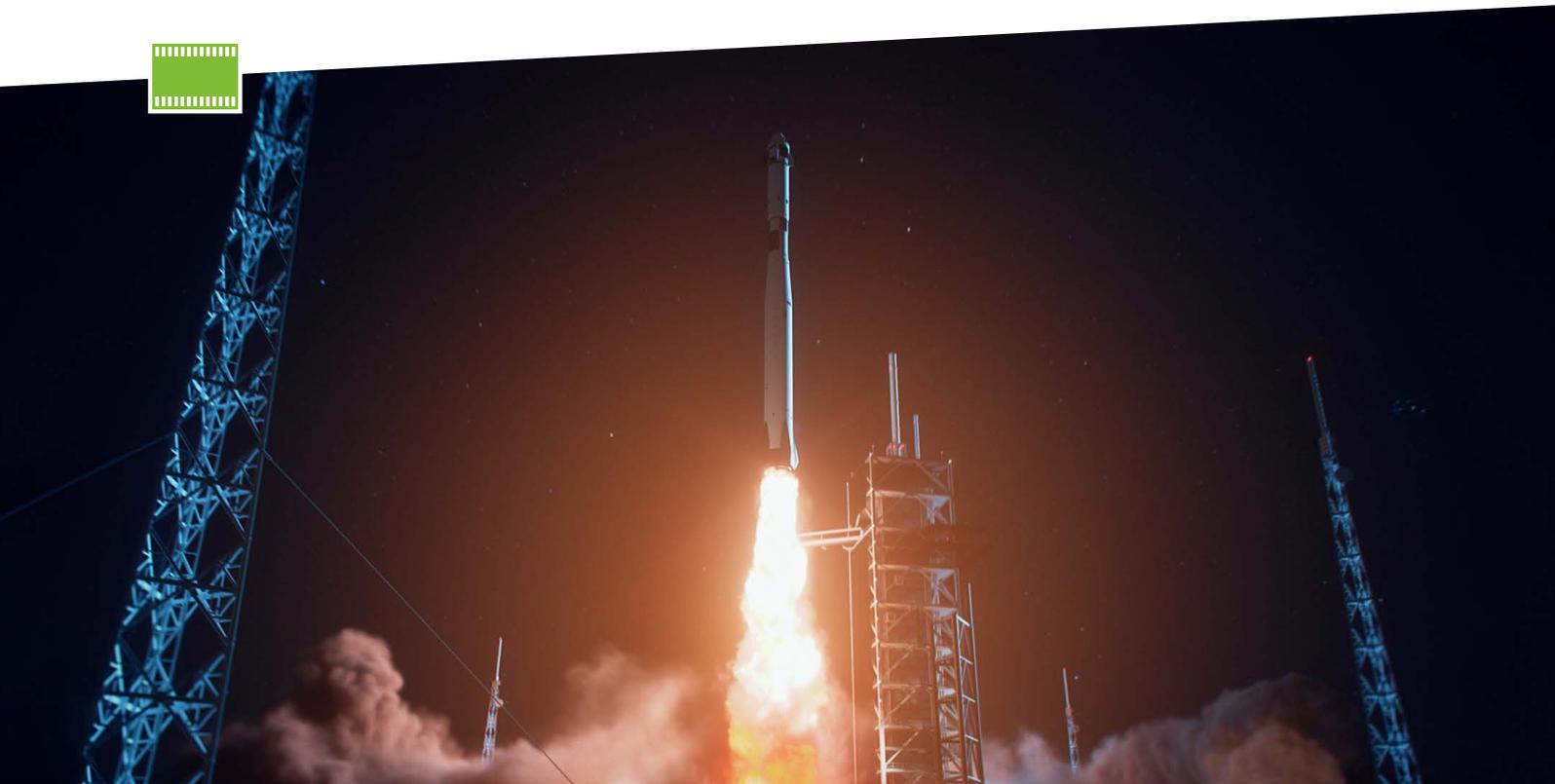




Next Level Machine Vision.
B60 Smart Camera



Smart Camera + uniVision 3 = B60

The smart cameras from the B60 series combine high-performance intelligent cameras for industrial image processing with the powerful uniVision software. In addition to the proven advantage of a smart camera of combining image recording and evaluation in a single housing, the B60 offers first-class performance and modularity.



Powerful Hardware with Quad-Core CPU and AI Accelerator

Unique computing power and high modularity



uniVision 3 Software

Modular principle and easy parametrization



HALCON Interface

Individual programming like a tailored solution

All Possibilities of a Vision System in the Format of a Smart Camera

The B60 smart camera impresses with its modular, expandable housing design with quick and tool-free exchangeable accessory components, as well as a high degree of integration thanks to numerous industrial interfaces. The easy operation via a button with several functions and the visual status displays enable quick setup and reliable con-

dition monitoring. wenglor uniVision 3 machine vision software also offers a comprehensive toolbox with numerous modules for customized implementation of vision applications, as well as an interface for robot vision applications.



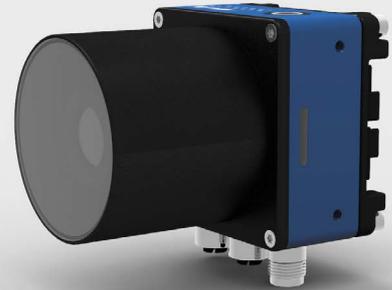
For more information on robot vision, visit our website.



B60 C Mount

The B60 C mount is a high-performance smart camera with C mount connection, which is used in particular for machine vision applications requiring flexibility in lens selection and adaptability to specific requirements.

- ✓ Easy-to-connect illumination via Y-connector
- ✓ Extensive portfolio of external illumination
- ✓ Suitable lenses for every working range
- ✓ Variety of optical filters to suit the application



Protective tube IP67



Various optical filters



Various lenses



Durable housing



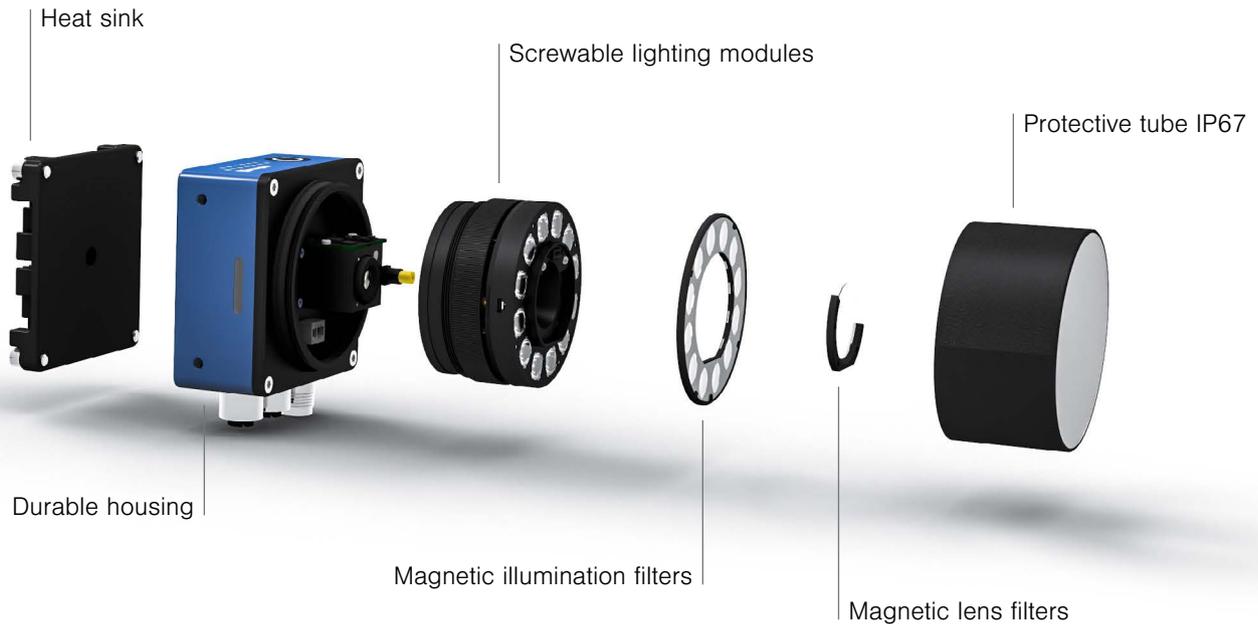
Heat sink



B60 Auto-Focus

The B60 auto-focus is a highly modular smart camera with powerful piezo auto-focus, which offers a quick and effective way to focus objects at different working distances.

- ✔ Durable piezo auto-focus for fast and robust focus
- ✔ Two different aperture angles (narrow and wide)
- ✔ Tool-free exchangeable lighting modules (white, IR, RGBW)
- ✔ Lighting and lens filter with magnetic mounting



uniVision 3

With the uniVision 3 software, image processing tasks can be implemented flexibly – from classic, rule-based tools to AI-based applications. The evaluation can be modularly structured and individually adapted via the intuitive user interface. Standard application templates ensure fast initial startup.

- ✓ Direct execution of AI models from the AI Lab or in ONNX format
- ✓ Combination of AI and classic tools for optimal results
- ✓ Seamless integration of HALCON scripts
- ✓ Common industrial interfaces (EtherNet/IP, PROFINET, EtherCAT, Bosch Nexeed Automation)
- ✓ Numerous robot vision interfaces



Product Overview

Product	Image chip	Resolution	Optics	Software packages
 <p>B60 with auto-focus</p>	Monochrome/Color	1.6 MP 5.1 MP	6 mm/12 mm 7 mm/17.5 mm	uniVision/ uniVision Extended/ uniVision Script/ uniVision Robotic Vision/ uniVision AI
 <p>B60 with C mount</p>	Monochrome/Color	1.6 MP 5.1 MP	C mount	uniVision/ uniVision Extended/ uniVision Script/ uniVision Robotic Vision/ uniVision AI



wenglor
the innovative family



www.wenglor.com
info@wenglor.com