

A brand of Balluff



mvBlueFOX NEW VISIONS

Universal camera platform with USB interface



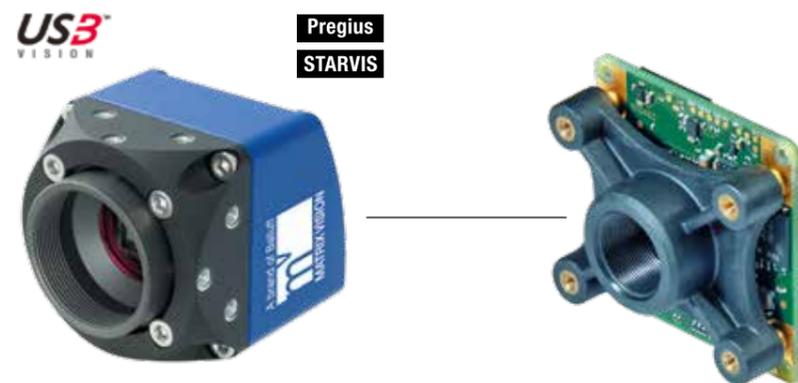
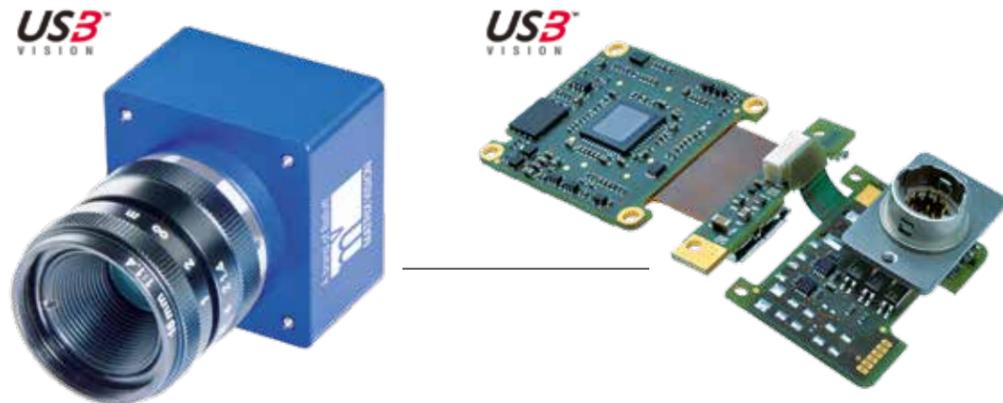
EVOLUTION AT WORK

We are developing the mvBlueFOX continuously. Custom specific demands are the basis for our technicians and engineers. Many new ideas are generated which we bring to life as powerful solutions with smart features.

The mvBlueFOX USB camera family is the result of an almost natural adaptation to numerous potential applications. Accordingly, there is a variety of technical models with different forms. This enables our customers to combine flexible modular technology with various shapes. Our OEM customers also appreciate this, whether with housing, as board-level, or single-board, all models have one thing in common: perfectly coordinated, freely selectable configurability.

Independence through standards

Our new USB 3.0 camera series, mvBlueFOX3, enables the combination of higher image resolutions with high frame rates as well as the synchronous operation of several cameras without image loss via a USB port. For the users, the USB3 Vision standard offers more flexibility and security of investment. Benefit from our know-how as a member of the USB3 Vision standard committee.



You find more information:
www.matrix-vision.com/mvbluefox

mvBlueFOX in action

Industry, science and research are using the mvBlueFOX cameras in several applications

- **Microscopy:**
mvBlueFOX for documentation and automated laboratory evaluation.
- **Traffic:**
mvBlueFOX as a highly sensitive sensor for autonomous driving. The robust design of the camera won't let you down even off-road.
- **Biometrics:**
mvBlueFOX for the identification of individual personal features. Versatile control options and an easy process integration create the basis for new ideas.
- **Surveillance:**
mvBlueFOX used in access control devices in buildings. Crucial data transmission security is ensured by the internal image memory.
- **Medicine:**
mvBlueFOX as a powerful optical system for analyzing blood samples. The open hardware platform enables fast adaptation of customer-specific products.
- **Automotive:**
mvBlueFOX in 3D hand scanners for fast quality checks.



www.matrix-vision.com/fox-stories.html

ACCESSORIES JUST IN CASE

- **USB- and I/O cables**
linear, bent, pluggable, with lock screws and suitable for drag chain
- **Lens holders**
C-mount, CS-mount, S-mount
- **Lenses**
- **Filters**
- **Lighting systems**
- **Software**
Fast adaptability also means feeling comfortable in other environments. For this reason we offer platform-independent support for your application with our software mvIMPACT Configuration Studio and suitable drivers for Windows® and Linux® systems (embedded systems) with 32 and 64 bit architecture. In order to integrate your system as quickly as possible, we set up a comprehensive smart vision software for our customers. Third-party software can be integrated into the open system as well.



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Legal notice:

The contents of this brochure are intended to provide information only and to show possible examples. We reserve the right to change technical data and construction at any time without prior notice. The technical specifications of customer systems and of our current products have to be clarified when ordering.
Date 10/2019