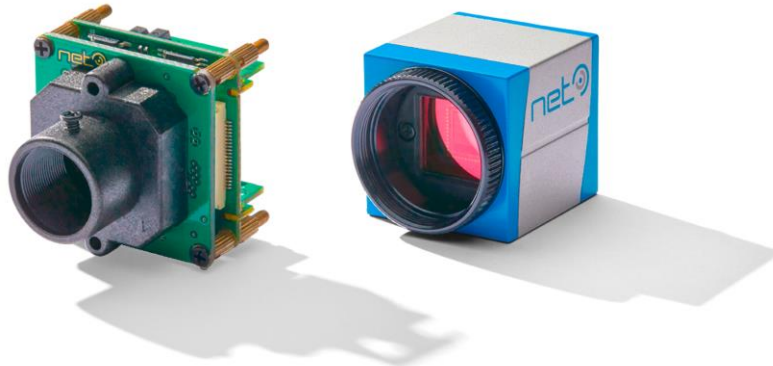# USB 3.0 cameras – Powerful and individually optimizable

3iCube

The 3iCube USB 3.0 camera series offers a wide range of different models to meet the individual needs of users. Customers are provided with an appropriately equipped model featuring the USB 3.0 interface most suitable for each application. 3iCube cameras come in robust housing versions consistent with industry standards, board-level versions that can be integrated into the customer application and, on request, customized versions.

The interfaces offer just as much freedom of choice. 3iCube with USB 3.0 interface comes with a NET driver.

Together with the USB3 Vision interface, customers also get the NET-developed GenICam / GenTL-compatible software interface SynView.

3iCube is also available with the user-friendly UVC (USB Video Class) interface. It is fully suitable for industrial use and runs under the standard operating systems Windows and Linux and, on request, Macintosh.
3iCube can be individually optimized by means of the image enhancement feature in the driver, FPGA or NETs SDK / API SynView. Whatever you opt for: NETs unified processing approach helps you capture the perfect image!

Highlights >

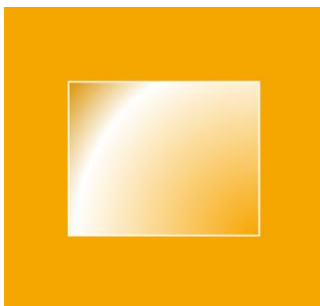# USB 3.0 cameras - Powerful and individually optimizable

HIGHLIGHTS

Customer-specific configuration

3iCube cameras can be flexibly configured to meet the requirements of the specific customer application. With its industrial-standard aluminum housing, 3iCube is suitable for use in a wide range of possible applications, for example in the factory automation sector. A compact board-level version is available for device integration. Either C or S mount lenses can be fitted. NET also supports its customers with application-specific adaptations. On request, we can also offer pre-focused lenses, customized driver adaptations and other alterations.

Interface diversity

3iCube allows users to choose which USB 3.0 interface they want to use. Choose between our tried-and-tested SDK, which is also used in NETs USB 2.0 cameras, or models without camera-specific drivers. The 3iCube vision models use a generic interface, which enables direct integration into vision architectures together with GigE vision cameras. 3iCube cameras with a UVC interface are fully functional without a driver. We have added a trigger feature for industrial applications to the UVC protocol.

The perfect image for your application

The wide range of image sensors and features helps you to choose the best possible product. In configuring the vision solution, we offer our customers our expertise in video processing to help capture the perfect image for the application. We can also develop additional algorithms for an extended range of functions according to individual customer requirements.