

MicroDISC

IMAGE PROCESSING SPECIALISTS

IDS-USB3-UEYE CP



USB 3 uEye CP – Incredibly fast, incredibly reliable, incredible sensors

The new developed generation of the USB 3 uEye CP makes a designer's heart beat faster: innovative housing design, high quality as well as unbeatable performance. Highlights are the integrated image buffer with 128 MB, which is perfectly suited for multi-camera applications, and the standby mode, which reduces the power consumption in sleep mode to a minimum. Focussing on new and future generations of high-performance CMOS sensors, the USB 3 uEye CP is a future-proof investment for your applications.

Note:

Due to the high performance of modern sensors the camera models UI-3160CP, UI-3180CP, UI-3590CP are not supported in the USB 2.0 mode. The 2.0 interface doesn't provide enough power.

ADVANTAGES

- Standby mode for minimum power consumption in sleep mode
- Active cables and fiber optic cables up to 100 meters available
- Easy integration into existing systems and communication with external peripherals
- Providing the latest CMOS sensors by Sony, CMOSIS, e2v and ON Semiconductor
- USB 3.0 interface: High data rate of 420 MByte/s, easy integration and plug & play functionality, ideal for multi-camera and 3D systems
- Compact: Measures just 29 x 29 x 29 mm, ideal for applications with space restrictions
- Efficient: Low power consumption
- Weighs less than 45 g: Very versatile, especially well-suited to embedded systems
- Cable length: Passive cable up to 8 meters, active cable up to 20 meters available as quality-tested accessories
- Optically decoupled trigger and flash, as well as two general purpose I/Os: Many additional features for a wide range of industrial applications
- Serial TTL interface: Ideal for controlling external devices
- Filter glass in front of the image sensor: For protection against dust and dirt and for spectral filtering of the incident light
- Pixel pipeline: Color models with hardware RGB calculation with up to 36 bits
- 100 % quality tested and calibrated: For consistent performance and reliability

MILITARY . DATA COLLECTION . MACHINE VISION . SURVEILLANCE

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