#### **Press release**

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The perfect combination: High speed interface and state of the art CMOS sensors

**USB 3.0 industrial camera**

**with 2 megapixel CMOS sensor from e2v**

**From now on, IDS's USB 3 uEye CP camera family will also be available with the EV76C570 Global Shutter Sensor from e2v. The CMOS sensor delivers the same image quality and light sensitivity as CCD and has plenty of other innovative features (including a choice of three shutter modes and multi AOI). In conjunction with the high speed USB 3.0 interface, the new camera is particularly recommended for use in 3D image processing, for example in process automation or vehicle body inspection, as well as in medical technology, robotics and logistics. It achieves a frame rate of 60 frames per second at full resolution, up to 100 fps in VGA quality.**

The **UI-3250CP** model has a choice of three shutter modes, which can be changed during operation. This enables you to choose the correct shutter for every application and provides unlimited flexibility if requirements should change. Thanks to multi AOI, with four AOIs and a sequential AOI function, different features can be captured with a very high frame rate or a series of exposures can be produced. In addition to a line scan mode, the camera also has a log mode. This enables high contrast scenes to be reproduced in perfect image quality with just one shot.

The USB 3.0 camera is extremely compact, at just 29 x 29 x 29 mm. As well as trigger, flash and pulse width modulation, it features two universal GPIOs (general purpose I/Os). With a magnesium housing and screw-on Micro USB 3.0 and Hirose connections, it can withstand adverse ambient conditions in industrial or outdoor environments.

Apart from the new model with 2 megapixel e2v sensor, the USB 3 uEye CP camera range also includes models with resolutions from wide VGA to 5 megapixels. IDS also offers the new CMOS sensor in its camera models with USB 2.0 and GigE connection.

Image:

USB 3 uEye CP industrial camera with new 2 megapixel CMOS sensor from e2v

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