#### Press release

Obersulm, 29 April 2014

Compact and powerful

**GigE industrial cameras with**

**2.2 and 4.2 MP CMOS sensors, Rev 3 from CMOSIS**

**IDS is launching two new industrial camera models with GigE interface and Power-over-Ethernet capability. The UI-5360CP and UI-5270CP models are part of the GigE uEye CP range and feature the recently introduced Revision 3 CMV2000 and CMV4000 CMOS sensors from CMOSIS. They combine an outstanding resolution of up to 2048 x 2048 pixels with excellent light sensitivity and rapid frame rates.
The 2.2 MP version can capture up to 36 frames per second, while the 4.2 MP version achieves an impressive 19 fps. They also have 60 MB of onboard memory for temporary storage of pictures. The standard IDS software support delivers the same plug & play convenience offered by the manufacturer's USB models.**

In addition to their innovative pixel architecture, which significantly reduces fixed pattern noise and hiss, the Revision 3 CMOSIS sensors provide a range of other features that are extremely interesting for numerous machine vision applications. The multi-AOI function with up to eight AOIs allows simultaneous inspection of different features at high speeds. Meanwhile, the line scan mode implemented by IDS enables frame rates of up to 8000 fps to be achieved. This makes the cameras a cost-effective alternative to expensive line scan cameras, such as those used in bottle or endless web inspection systems.

However, the GigE cameras are also recommended for microscopy and astronomy applications, as the huge 1" format of the 4.2 megapixel sensor has comparatively large pixels, making it exceptionally light sensitive and low noise.

At just 29 x 29 x 41 mm, the Gigabit Ethernet cameras have a very compact design. The magnesium housing and Hirose connector – for opto-isolated trigger and lighting signals – underline their industrial credentials. Because the PoE cameras have just one cable for data transmission and power supply, they can easily be integrated into a huge range of applications.

The new GigE cameras are available in monochrome or color options, as well as a version with NIR sensor and double sensitivity in the near infrared range.

The new GigE uEye CP models are supported from driver version 4.40 onwards.

Characters with spaces: Approx. 2,400

Image:

**GigE uEye CP**

GigE industrial camera with 2.2 and 4.2 megapixel Revision 3 CMOS sensors from CMOSIS

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