#### Press release

Obersulm, Germany 07/31/12

IDS lights innovation firework for the VISION 2012

**Additional USB 3 uEye CP camera models with**

**next generation CMOS technology…**

**… plus a compact camera class for apparatus and mechanical engineering**

**IDS Imaging Development Systems GmbH - the market leader for USB cameras premieres a wealth of product innovations at the VISION 2012 in Stuttgart. The USB 3 uEye CP camera series, introduced in 2011 boasts three new, next generation sensors from e2v and CMOSIS. In addition, IDS also premieres the new USB 2 uEye ML – a compact, robust and cost-efficient camera ideal of apparatus and mechanical engineering and new camera models with a WDR sensor (wide dynamic range) from NIT.**

IDS is the first manufacturer to integrate e2v’s 2 Megapixel Global Shutter sensor (EV76C570) into a USB 3.0 industrial camera. A real CCD replacement, the UI-3250CP delivers outstanding image quality and high sensitivity. At 60 frames per second at full resolution, the camera is ideal for applications that require fast yet detailed analysis.

With a rich set of smart features, including a Linescan-Mode and Log-Mode, the new model offers excellent image quality even in high dynamic scenes. In addition, four shutter modes allow choosing the perfect shutter for every application and offer unknown flexibility if requirements change. Black-level correction is just one more of the outstanding sensor features.

CMOSIS’ 2 (CMV2000) and 4 Megapixel (CMV4000) sensors are offering high performance at outstanding speed. IDS new USB 3.0 camera models UI-3360COP and UI-3370CP run at 180 fps and 90 fps and are ideal for applications such as traffic monitoring and inspections within the pharmaceutical, beverage and glass industry. Eight AOIs and multiple HDR modes for up to 90 db allow implementing even the most demanding applications.

Torsten Wiesinger, CEO at IDS outlines: “USB 3.0 as a high speed interface and the new generation of CMOS sensors from e2v and CMOSIS are a perfect match. These sensors allow us to reach yet another milestone in industrial imaging. All three sensors deliver CCD image quality combined with the speed based on CMOS technology and in addition a variety of further excellent sensor features”.

Yet another highlight that premieres at the VISION 2012 are new uEye camera models fitted with a 1.3 Megapixel Global Shutter HDR sensor from NIT New Imaging Technologies. Due to its logarithmic characteristic it easily adapts to a great variety of lighting conditions and offers crystal clear images even in high dynamic scenes of up to 140 db. As a result, the new camera models are ideal for a great range of new applications that require fast frame rates, high sensitivity and dynamic range.

**USB 2 uEye ML: New, cost-efficient compact camera ideal for apparatus and mechanical engineering**

The new USB 2.0 ML camera is compact, extremely robust and yet lightweight and particularly suited for space limited applications. Its lockable USB connector and metal casing ensure secure operation even in extreme industrial environments, eg. metal processing, robotics, electrical and medical engineering. The camera also features an 8-pin Hirose connector (HR25), offering two GPIOs and optically decoupled trigger and flash I/Os.

The UI-1240ML is fitted with the sophisticated 1.3 Megapixel CMOS sensor from e2v. The sensor is available in color, mono and NIR versions and offers Log-Mode, Linescan-Mode, four Shutter-Modes and delivers 60 fps at full resolution.

**IDS at the VISION 2012: Hall 1 Booth D72**

Images:

(1)

USB 3.0 industrial cameras with next generation CMOS sensor technology from e2v, CMOSIS and NIT

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USB 2 uEye ML: compact and cost efficient camera for apparatus and mechanical engineering

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