#### Press release

Obersulm, 09/24/13

The invisible becomes visible:

**New USB 3.0 camera model with near infrared enhanced sensor version from CMOSIS**

**IDS now offers the perfect solution for all light and speed critical applications in machine vision, biometry and diagnostics, ITS and astronomy with its newest USB 3.0 camera model. The USB 3 uEye CP with the NIR version of CMOSIS’ state-of-the-art 4.2 Megapixel sensor provides double the sensitivity in the near infrared range than the standard mono sensor version (16 % compared to 8 %). Even defects that are normally invisible to the human eye are now made visible.**

The sensor particularly benefits applications in solar wafer and surface inspection: With its square 1 inch optical format and 2048x2048 pixel resolution the sensor perfectly inspects even larger or round surfaces in full detail. This reduces the number of cameras required and therefore overall costs. A range of further IDS specific special functions plus the sensor’s global shutter ensure detailed, crisp and distortion-free images in all conditions.

Additionally, the UI-3370CP-NIR is a perfect choice for a range of applications in web and high-speed inspection and can easily replace a fully-fledged with the IDS specific triggered line scan mode that allows to capture up to 8000 fps.

Including the new UI-3370CP-NIR camera, there are currently 12 USB 3 uEye CP models available offering a great variety of resolutions from VGA to 5 Megapixel in an extremely compact and lightweight magnesium housing. With a C-mount lens mount, lockable USB 3.0 and Hirose connectors, a serial interface and optically decoupled trigger and flash, the cameras are easily integrated in all applications.

Image:

New IDS USB 3 uEye CP model with 4.2 Megapixel CMOSIS NIR enhanced sensor

Contact:

IDS Imaging Development Systems GmbH  
Bettina Ronit Hoermann  
Media Communications Manager  
Dimbacher Str. 6-8  
74182 Obersulm, Germany  
Tel: +49 7134 96196 154  
Fax: +49 7134 96196 99  
Email: [b.hoermann@ids-imaging.de](mailto:b.hoermann@ids-imaging.de)  
Web: [www.ids-imaging.de](http://www.ids-imaging.de)