

Rolling shutter sensor IMX183 now also available as IDS board-level cameras

## **When even finest details matter: uEye SE cameras with 20 MP Sony sensor**

**The smallest details must be detected precisely in many applications requiring surface inspection or measurement. Light-sensitive and extremely high-resolution sensors such as the IMX183 from Sony are the best choice here. The resolution of 5536 x 3692 pixels also enables the inspection or monitoring of larger areas, required in quality assurance or ITS applications, for example. Since March, the sensor has been available in the uEye SE camera family from IDS with USB3 vision interface – in both housed and board-level versions.**

The Sony Rolling Shutter Sensor features BSI ("back-side-illumination") technology. The back-side-illumination makes optimum use of the captured light, enabling exceptional image quality with very low noise even in low light conditions. IDS now offers the 20 MP sensor not only in the compact uEye CP cameras but also in the versatile uEye SE family. The uEye SE cameras deliver 19.5 fps and are available in different versions - from compact, solid metal housings to practical board-level variants with or without a front flange which can easily and compactly be integrated into vision systems. This makes them a popular choice for a wide range of applications. uEye SE cameras with IMX183 and GigE Vision interface are planned for summer 2020.

Since the new cameras have a USB3 vision interface, they can be programmed with IDS peak, for example. The SDK simplifies the use of GenICam and provides an intuitive programming experience. IDS peak thus supports users with a complete software package to quickly and easily put vision cameras into operation and to directly start developing their own applications.

**Further information:** <https://en.ids-imaging.com/store/products/cameras/ids-sensor-model/imx183clk-j.html>

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uEye SE camera variants now with 20 MP sensor available

### **About IDS Imaging Development Systems GmbH:**

The industrial camera manufacturer IDS Imaging Development Systems GmbH develops high-performance, easy-to-use USB, GigE and 3D cameras with a wide spectrum of sensors and variants. The almost unlimited range of applications covers multiple non-industrial and industrial sectors in the field of equipment, plant and mechanical engineering. In addition to the successful CMOS cameras, the company expands its portfolio with vision app-based, intelligent cameras. The novel image processing platform IDS NXT is freely programmable and extremely versatile.

Since its foundation in 1997 as a two-man company, IDS has developed into an independent, ISO-certified family business with more than 300 employees. The headquarters in Obersulm, Germany, is both a development and production site. With branches in the USA, Japan, South Korea and UK as well as other offices, IDS is represented internationally.

### **Press contact:**

IDS Imaging Development Systems GmbH

Claudia Kirsch

Dimbacher Str. 6-8

74182 Obersulm / Germany

T: +49 7134 96196-0

E: [c.kirsch@ids-imaging.de](mailto:c.kirsch@ids-imaging.de)

Web: [www.ids-imaging.com](http://www.ids-imaging.com)