# Press Release

**Available now: The first *Sony* *Pregius* CMOS cameras with a mere 1 µs exposure time**

(07/11/2017) Baumer offers the first CMOS cameras with an exposure time down to 1 µs in the mainstream segment of digital industrial cameras. The CX models including the second generation of *Sony Pregius* sensors feature exposure times ranging from 1 µs to 60 s. Available with up to 12 megapixel resolution, they are ideal in tasks at high light intensity such as laser welding and will minimize blur in high-speed applications like pick and place. Having extended the application possibilities of CMOS cameras, Baumer has closed a gap where previously CCD sensors were required. Samples are available now; production starts in the third quarter of 2017.

Pushing further toward best-in-class in terms of short exposure times, the CX cameras with 29 x 29 mm housing design perform perfectly in hot environments due to their high operating temperature capability of up to 65°C. Additionally, they feature 1000 fps with ROI (Region of Interest) and an excellent dynamic range of 71 dB. As a result of their high resolution merged with excellent image quality, the GigE and USB 3.0 cameras master virtually any task in various industries which place the highest demands on image details and throughput.

Further information about the CX industrial camera series: [www.baumer.com/cameras/CX](http://www.baumer.com/cameras/CX)

Photo: With exposure times down to 1 µs the Baumer CX cameras including second generation *Sony Pregius* sensors offer the shortest exposure time in the standard class of digital industrial cameras.

Number of characters (with spaces): approx. 1300

Text and picture download at: [**www.baumer.com/press**](http://www.baumer.com/press)

**Baumer Group**

The Baumer Group is one of the worldwide leading manufacturers of sensors, encoders, measuring instruments and components for automated image processing. Baumer combines innovative technologies and customer-oriented service into intelligent solutions for factory and process automation and offers an unrivalled wide technology and product portfolio. With around 2,400 employees and 38 subsidiaries in 19 countries, the family-owned group of companies is always close to the customer. Baumer provides clients in most diverse industries with vital benefits and measurable added value by worldwide consistent high quality standards and outstanding innovative potential. Learn more at [www.baumer.com](http://www.baumer.com) on the internet.

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