# Press Release

**CX series – more speed and flexibility with firmware release 2**

(05/02/2017) Baumer continues to upgrade the successful CX series with the latest CMOS sensors and up to 12 megapixel resolution. Now, firmware release 2 is speeding up image processing to greater than 1000 fps by ROI selection (Region Of Interest). The new standard-compliant sequencer in conjunction with the existing burst mode open up virtually unlimited possibilities in dynamic applications.

Thanks to *ON Semiconductor* PYTHON sensors, partially selected pixels are being read out not only vertically but also horizontally at increased speed, which results in significantly higher ROI frame rates. The CX cameras in compact 29 x 29 mm housing with PYTHON sensors from VGA to 5 megapixel now even more efficiently solve dynamic tasks in packaging, food and beverage, medical technology and many other industries.

The new sequencer allows changing camera settings during the acquired image sequence. This is possible even at maximum sensor speed and independent of the interface bandwidth thanks to burst mode and integrated image memory. For tasks in glass inspection, for example, different types of illumination can be controlled via the camera outputs to synchronize exposure times with each and every acquired image. Selecting image-related ROI size or position is also possible, for example where detecting moving objects.

The new firmware release 2 is available for all CX camera models with resolutions from VGA to 12 megapixel and which include *Sony* *Pregius* and *ON Semiconductor* PYTHON sensors and GigE and USB 3.0 interface. Camera integration is easy and convenient as always using the Baumer GAPI SDK.

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

**Baumer at Control exhibition: Hall 3, booth 3521**

Photo: CX-series with up to 12 megapixel and Global Shutter CMOS sensors in compact 29 x 29 mm housing.

Number of characters (with spaces): approx. 1900

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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