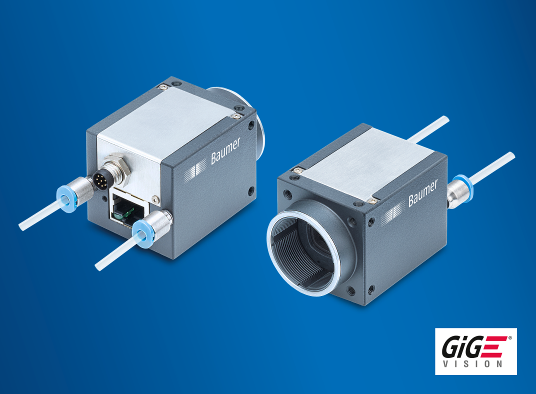
# Press Release

**Very cool even when it's hot – cameras with an integrated cooling pipe provide high-precision images**

(09/09/2021) The Baumer portfolio includes industrial cameras with a cooling pipe integrated directly into the housing for highly precise image capture or for image acquisition in very warm environments. These allow the new CX.XC models to be cooled with compressed air in the 2 to 3 bar range or with liquids up to 6 bar. This makes them ideally suited for inspections with higher ambient conditions, for example, near furnaces during glass production. Thanks to the effective heat dissipation near the sensor and the lens, the CX.XC cameras provide images with very low noise and few defective pixels, with a highly dynamic output at the same time. They can be used for highly precise measuring tasks, such as the inspection of silicon wafers in the µm range, without thermal effects on the lens or the image characteristics. The new cameras eliminate the need for additional cooling components – saving time and costs during system integration. The serial production of the CX series cameras with an integrated cooling pipe will commence with the 5 megapixel models with *Sony Pregius* sensors in the 4th quarter of 2021.

The Baumer CX camera series includes more than 130 models offering an extensive sensor portfolio for cross-industry standard applications of industrial image processing. The standard versions in the 29×29 mm design offer a large range of functions as well as modern *Sony Pregius*, *Pregius S*, *STARVIS*, and *Polarsens* as well as *ON Semiconductor* PYTHON CMOS sensors for the future-oriented implementation of applications. Models with standard-compliant *GigE Vision* or *USB3 Vision* interfaces, with Precision Time Protocol (PTP) for precise time synchronization in Ethernet networks, with polarization sensors for the complete detection of the linear polarization state of surfaces, as well as global, rolling, or global reset shutters, allow a wide variety of application solutions. The CX cameras offer very good image quality and high frame rates – with the use of an ROI (Region of Interest), greater than 1000 fps can be achieved. Easy camera integration with changing light conditions is ensured thanks to auto features for exposure, gain, white balance, and color transformation.

For more information about the CX.XC cameras: <https://www.baumer.com/c/44534>

Photo: Thanks to the integrated cooling pipe, the CX.XC cameras from Baumer provide high-precision images for applications in warm environments or measurement tasks in the µm range.

Number of characters (with spaces): approx. 2400

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 2,700 employees and 39 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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