

Press Release

15.10.2007

Contact for readers' enquiries:

Baumer Ltd.,
122 Spring Street Unit C6, Southington CT 06489, USA
Phone: 800 937 9336, Fax 860 628 6280
E-Mail: sales.us@baumergroup.com
Internet: www.baumeroptronic.com

Contact person for editorials:

Baumer Optronic GmbH, Claudia Grützmann
Badstrasse 30, DE-01454 Radeberg
Phone: 03528 4386 0, Fax 03528 4386 86
E-Mail: cgruetzmann@baumeroptronic.com
Internet: www.baumeroptronic.com

Small, flexible and innovative:**The new Baumer Gigabit Ethernet cameras of the TX series**

With the beginning of series production of the new Baumer TXG cameras, the TX series is now also available with Gigabit Ethernet interface.

A new standard has become clearly evident in image processing with Gigabit Ethernet. This will have a long-term effect on technical developments and will address new application fields. Gigabit Ethernet breaks the limits which were imposed by established data transfer methods and thereby provides new image processing options for our customers. Also, this standard promotes and drives developments which today are merely being discussed, but will provide the customer with clear advantages in the future.

With the new Gigabit Ethernet cameras of the TXG series, Baumer has set a milestone which will determine further developments in this field. With data transfer rates of up to 1000 Mbit/sec and cable length of up to 100 meters, GigE surpasses previous technologies such as FireWire and USB. These newly presented cameras are suitable for use in the most diverse environments. The range of functions,



2534-1-DCH.jpg

Text and photo to download at:
<http://www.baumeroptronic.com>

This article and the photo are approved for publication.

Number of characters (with spaces): approx. 3200

the remarkably small and rugged design as well as low power consumption make this camera series suitable for most industrial applications. With the new TXG series 13 Gigabit Ethernet camera models with resolutions from VGA to 5 megapixel in monochrome and color versions are available to the user. Naturally, all TXG cameras convince with the excellent Baumer image quality. These cameras with their conformity to GigE Vision, are 'plug and play' with the supplied driver software as well as with established image processing solutions.

The newly-developed generic programming interface Baumer-GAPI, bridges the gap to individual software packages. With this interface, all Baumer FireWire and Gigabit Ethernet cameras can be controlled on one PC, using the same software, regardless of interface. They can be integrated either with Windows or Linux-based programming environments using different programming languages. A powerful Software Development Kit (SDK) with many code samples and extensive helpfiles substantially reduces the implementation effort and permits simple maintenance. A newly-developed viewer ensures immediate evaluation of the powerful camera functions and is an indispensable tool for troubleshooting. Filter drivers which detect the arriving image data and subject it to accelerated processing are supplied for time-critical applications. This permits the load on the CPU to be kept very low, without restricting the range of employable network adapters.

The technologically proven Baumer cameras, the extensive software and the carefully

chosen accessories form a flexible and stable system. This offers the customer simple integration, long-term availability and a long service life. Additionally, constant developments based on the latest technologies and application-specific adjustments offer our customers long-term security for their application investments.