



Product Overview

Baumer Digital Cameras

Vision Technologies

Sensor Solutions

Motion Control

Process Instrumentation



TX

Compact GigE and FireWire™ Cameras

- Designed for a wide range of industrial applications
- State-of-the-art CCD sensor technology
- Easy software integration by the generic Baumer SDK



The cameras of the Baumer TX family stand for versatility through innovation and convince with their compact housing and the conformity to industrial standards such as GigE and FireWire™. State-of-the-art sensor technology combined with Baumer's own components guarantees perfect image quality. Depending on your application, monochrome and color cameras with up to 5 megapixel are available. www.baumer.com/210.html

Standard GigE Cameras

- Compact housing of 36 x 36 x 48 mm
 - Resolutions from VGA up to 5 megapixel
 - Industrial voltage level up to 30 V
- www.baumer.com/347.html

Power over Ethernet (PoE) Cameras

- Combined data and power transfer on a single Ethernet cable
 - Industrial PoE Switch, Injector and Trigger Device available
 - Reduced installation and maintenance costs
- www.baumer.com/225.html



IP67-rated Cameras

- Secure protection from water and dust
 - Compact industrial housing covers camera and lens
 - Different tube lengths for lens protection available
- www.baumer.com/349.html



Multi I/O Cameras

- Advanced process interface for GigE cameras
 - 6 digital inputs and outputs
 - Inputs and outputs are free configurable by software
- www.baumer.com/409.html



Innovative Network Components

- GigE Power Injectors and Switches as well as GigE Vision® Trigger Device
- Compact industrial design for standard DIN rail mounting
- Supporting PoE cameras and Jumbo Frame



For an easy camera integration, specially developed state-of-the-art network components are available. These components use the industrial voltage level from 24 up to 48 Volts and could be easily mounted on DIN rails. The GigE Trigger Device enables the precise control of industrial GigE cameras over the network. www.baumer.com/417.html

High Quality CMOS Cameras

- Robust industrial camera design
- Ultra compact and lightweight housing
- VGA and 5 megapixel

The EX camera family combines state-of-the-art CMOS sensor technology with Baumer's own components and know-how to guarantee perfect image quality. Due to its GigE Vision® compliant Gigabit Ethernet interface the EX cameras facilitate high performance image acquisition and an easy system integration.
www.baumer.com/424.html

EX



GIGÉ
VISION

High Performance CCD Cameras

- Digital cameras based on Kodak sensors
- Excellent image quality with high frame rates up to 120 fps
- Resolutions of 1 and 8 megapixel

The new SX cameras are based on advanced Quad-Tap CCD sensors from Kodak that excel with high image rates and very low image noise. With a housing size of only 52 x 52 x 72 mm, these industrial cameras boast a robust and very compact design thus making them the right choice for a wide range of applications.
www.baumer.com/427.html

SX



CAMERA
Link

High Speed Cameras

- 1.3 megapixel with 500 fps
- Up to 120,000 fps using ROI
- Dynamic range up to 90 dB

A perfect solution for ultra fast machine vision applications, Baumer's new HX digital CMOS cameras combine extremely high frame rates of 500 fps with over a megapixel of resolution at 1280 x 1024 pixels. Frame rates of up to 120,000 fps are achievable by using up to three regions of interest (ROI) within the full frame.
www.baumer.com/212.html

HX



CAMERA
Link

Digital 3-D Cameras

- Distance and gray scale image with one capture
- All-in-one system with integrated lens and illumination
- Acquisition range from 0.3 m up to 5 m

The Baumer TZG01 based on ToF (Time of Flight) sensors significantly extends the possibilities of 3-D detection. The advantage is a fast spatial capturing of objects and components and the declaration of their dimensions and position.
www.baumer.com/213.html

TZ



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Are you feeling inspired?
Visit us at www.baumer.com/cameras

The logo consists of a blue square on the left, followed by the word "Baumer" in a bold, blue, sans-serif font.

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