

IP Housing

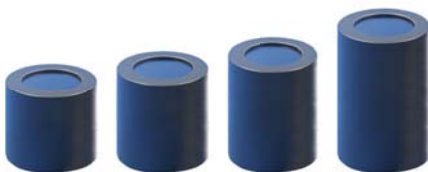
Product Info

Made for tough applications

To meet harsh and demanding end use applications, Baumer has engineered the new TXG series GigE cameras with special IP67-rated enclosures that withstand both moisture and particulate contamination. All critical camera components are contained within the IP67 housing, including the electronics, the CCD sensor, and the internal C-Mount adapter to ensure a protected environment for a standard lens. The camera features a IP67-rated M12 connector to interface the camera with the network.

Flexibility in a compact design

These industrial cameras have a diameter of 65 mm and a length ranging from 98 to 140 mm. They offer flexibility in a robust, compact design. The enclosure supports four different tube lengths (52, 62, 71 and 94 mm), each length corresponding to an application specific lens. Depending on the task, the cameras can be ordered as an aluminum or stainless steel version.



Available tube lengths from 52 up to 94 mm – depending on the chosen lens

Don't touch!

In addition to water and dust protection, the enclosure eliminates the potential for misalignment or defocusing of the lens, problems that can compromise the image quality of the vision system. By making the enclosure cover-

Industrial GigE cameras are ready for harsh environments



ing both the lens and camera body, the safety of the system is ensured and unwanted touching is prevented. The end result, Baumer offers a unique, safe, and compact camera system for challenging industrial purposes and applications.

Excellent camera specifications

Baumer's IP67-rated TXG cameras are based on state-of-the-art Sony CCD sensors and offer frame rates of up to 90 frames per second. Depending on your application, monochrome and color sensors are available with resolutions up to 5 megapixel. Advanced functionality, like true partial scan (ROI), binning, command trigger, trigger delay, and debouncer enables the user to quickly and easily setup the camera for a specific application. Simple software integration into your application is provided by the generic programming interface, called Baumer-GAPI, which was specifically developed for these cameras.

Features

- IP67 housing
- Water proof and dust proof
- Flexible compact design
- VGA up to 5 megapixel
- Color and monochrome
- Available with Power over Gigabit Ethernet technology



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GIG
VISION



For every task, the right camera

Camera model	Sensor format CCD	Sensor type	Resolution [Pixel]	Pixel size [µm]	Full frames [max. fps]
Monochrome					
TXG03-I7	1/3"	SONY ICX424	656 x 494	7.4 x 7.4	90
TXG04-I7	1/2"	SONY ICX414	656 x 494	9.9 x 9.9	57
TXG06-I7	1/2"	SONY ICX415	776 x 582	8.3 x 8.3	64
TXG08-I7	1/3"	SONY ICX204	1032 x 776	4.65 x 4.65	28
TXG13-I7	1/2"	SONY ICX267	1392 x 1040	4.65 x 4.65	20
TXG14-I7	2/3"	SONY ICX285	1392 x 1040	6.45 x 6.45	20
TXG14f-I7	2/3"	SONY ICX285	1392 x 1040	6.45 x 6.45	30
TXG20-I7	1/1.8"	SONY ICX274	1624 x 1236	4.4 x 4.4	16
TXG50-I7	2/3"	SONY ICX625	2448 x 2050	3.45 x 3.45	15

Color

TXG03c-I7	1/3"	SONY ICX424	656 x 490	7.4 x 7.4	90
TXG06c-I7	1/2"	SONY ICX415	776 x 578	8.3 x 8.3	64
TXG08c-I7	1/3"	SONY ICX204	1032 x 772	4.65 x 4.65	28
TXG13c-I7	1/2"	SONY ICX267	1384 x 1036	4.65 x 4.65	20
TXG14c-I7	2/3"	SONY ICX285	1384 x 1036	6.45 x 6.45	20
TXG20c-I7	1/1.8"	SONY ICX274	1624 x 1232	4.4 x 4.4	16
TXG50c-I7	2/3"	SONY ICX625	2448 x 2050	3.45 x 3.45	15

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