

TOSHIBA TELI GigE Vision CAMERA BG Series



Industry-lightest!

IMAGING REVOLUTION

GIGTM
VISION

• Featuring Sony CCD
or CMOSIS Sensor



• PoE/DC12V
(automatic switching)

• IEEE802.3ab
(1000BASE-T)

• GPIO 2 output
(LVTTTL or open collector)

29(W) × 29(H) × 40(D)mm

53g

TOSHIBA TELI CORPORATION

www.toshiba-teli.co.jp/index.htm





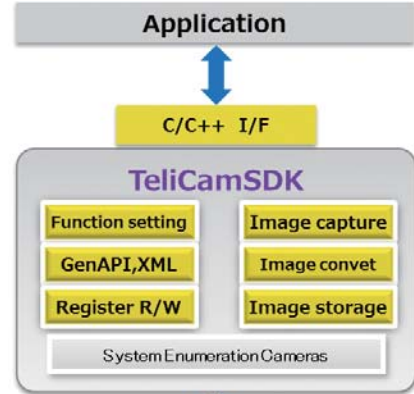
BG205M/MC (Featuring CMOSIS Sensor)

- High sensitivities (1200lx F11 @1/50s).
- Clear image by FPN Correction.
- Featuring CS mount suitable for ITS.



TeliCamSDK

- Easy to capture images.
- More than 70% reduction of mounting code.
- GEN<i>CAM available.
- Varieties of functions for easy programming.
- Abundant sample code.
- Easy to understand manuals.
- Unified SDK for USB3.0 & GigE.



Makes developing terms shorter !



Specifications

B/W	BG030	BG031	BG080	BG130	BG202	BG205M-CS
Image sensor	ICX424AL	ICX414AL	ICX204AL	ICX445AL	ICX274	CMV2000
Image sensor size	1/3 CCD	1/2 CCD	1/3 CCD	1/3 CCD	1/1.8 CCD	2/3 GS-CMOS
Unit pixel size	7.4 x 7.4 μm	9.9 x 9.9 μm	4.65 x 4.65 μm	3.75 x 3.75 μm	4.40 x 4.40 μm	5.5 x 5.5 μm
Pixels	0.3M	0.3M	0.8M	1.3M	2M	2M
Resolution	640x480	640x480	1024x768	1280x960	1600x1200	2048x1088
Frame rate	125fps	125fps	40fps	30fps	20fps	50fps

Color	BG030C/CF	BG130C/CF	BG202C/CF	BG205MC-CS /MCF-CS	BG602MCF
Image sensor	ICX424AQ	ICX445AQA	ICX274	CMV2000	IMX178
Image sensor size	1/3 CCD	1/3 CCD	1/1.8 CCD	2/3 GS-CMOS	1/1.8 RS-CMOS
Unit pixel size	7.4 x 7.4 μm	3.75 x 3.75 μm	4.40 x 4.40 μm	5.5 x 5.5 μm	2.4 x 2.4 μm
Pixels	0.3M	1.3M	2M	2M	6.3M
Resolution	640x480	1280x960	1600x1200	2048x1088	3072x2048
Frame rate	125fps	30fps	20fps	50fps	TBD

* Concerning IR cut filter for color camera C : Not equipped CF/M C F : Equipped
 * Concernng shutter of CMOS GS-CMOS : Global shutter RS-CMOS : Rollig shutter
 * BG205M-CS/MC-CS/MCF-CS are CS Mount models.

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