

GigE board camera / module (BL-...-GE)

LS-BL-GE series · Area scan cameras · 5 models



Single-board Gigabit Ethernet camera modules designed to be compatible with GigE Vision and GenICam standards, fully compatible with mainstream vision software such as LabVIEW, Halcon and VisionPro. Suitable for electronics/ semiconductor, factory automation, food and beverage, pharmaceutical packaging and image measurement.

Features

- Single board design, small size, ultra-thin
- Embedded system integration is more convenient and integrated
- Supports 16bit gray and 48bit color lossless format output
- Multiple options available: single board / C interface / M12 interface
- Programmable IO, supports external trigger and flash synchronous photography
- Supports PC Linux and ARM Linux, can be integrated into embedded devices
- Compatible with vision protocols; works with Halcon, VisionPro, LabVIEW and other vision software

Applications

- Electronics / semiconductor
- Factory automation
- Food and beverage
- Pharmaceutical packaging
- Image measurement

Common specifications

Interface	GigE (GigE Vision, GenICam)
Single board module size	40 x 40 mm board (drawing)
Housed camera size	43 x 43 mm front, C-mount (C Mouth 1-32UN, depth 8) (drawing)

Ordering code: BL-<code><R/G shutter><C/M>-GE (C = color, M = mono)

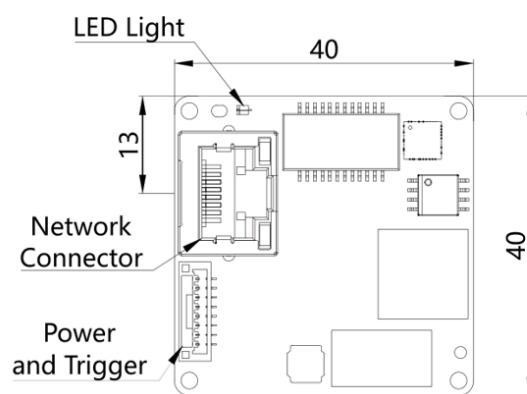
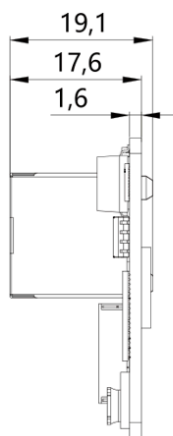
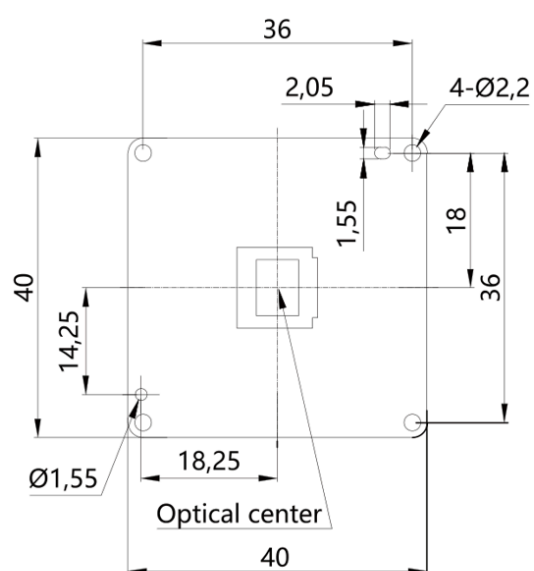
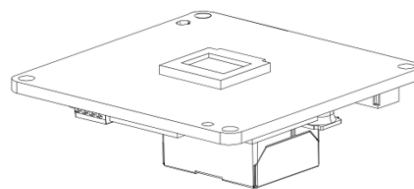
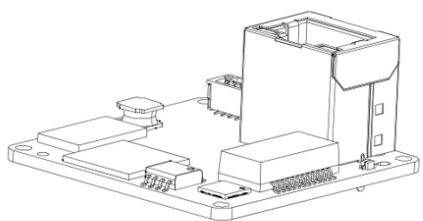
Models

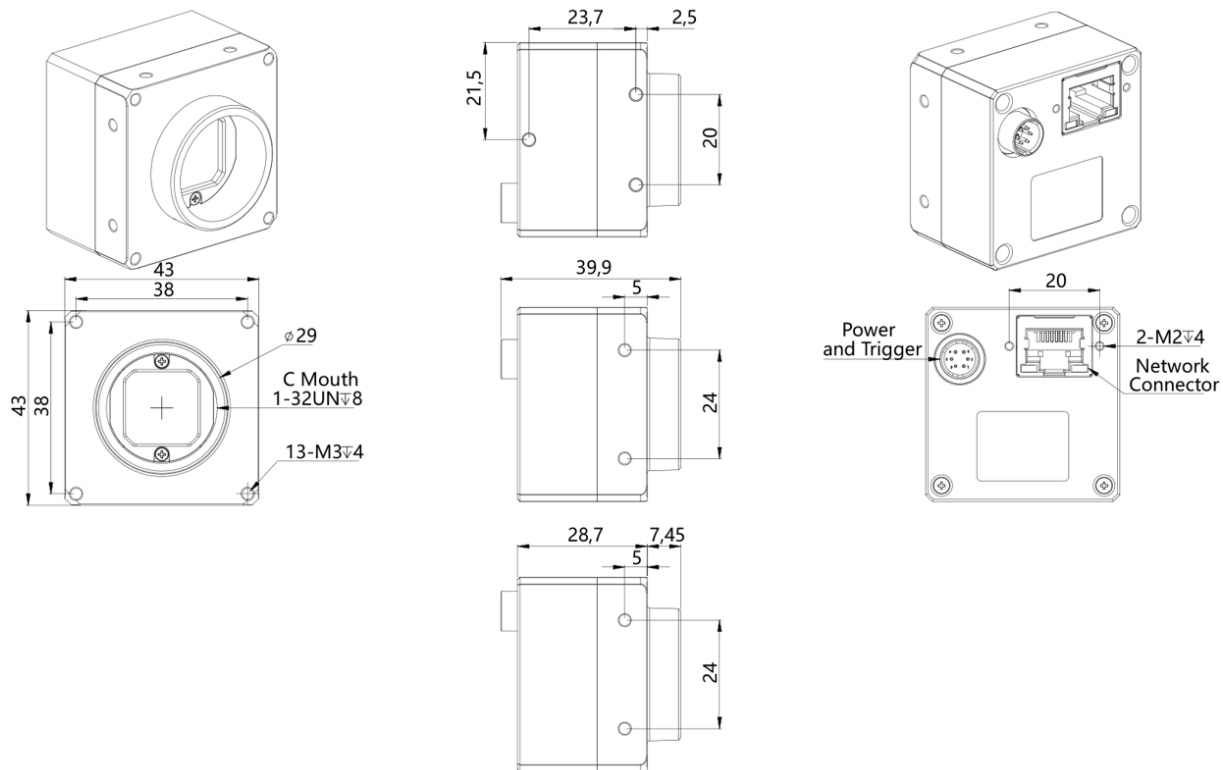
Model	Resolution@frame rate	Shutter mode	Effective pixel	Pixel size	Sensor	Dynamic range	Ad Width
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LS-BL-134GC/ M-GE colours: Color, Mono	1280×1024@91.5FPS	Global Shutter	1.3MP	4.8µm×4.8µm	1/2"CMOS PYTHON	60dB	12bit
LS- BL-2000RC/M- GE colours: Color, Mono	5488×3672@6FPS	Rolling Shutter	20MP	2.4µm×2.4µm	1" CMOS IMX183	72dB	12bit
LS-BL-506RC/ M-GE colours: Color, Mono	2608×1958@24FPS	Rolling Shutter	5MP	2µm×2µm	1/2.7"CMOS	74dB@AG16x (Analog gain)	12bit
LS-BL-1201RC/ M-GE colours: Color, Mono	4000×3000@9.75FPS	Rolling Shutter	12MP	1.85µm×1.85µm	1/1.7"CMOS IMX226	66dB	12bit
LS-BL-1202RC/ M-GE colours: Color, Mono	4000×3000@9.75FPS	Rolling Shutter	12MP	1.6µm×1.6µm	1/2"CMOS AR1202	/	10bit

More values per model (Video output format, Maximum gain (multiple), Exposure time range (ms), Pixel bit depth, Mono / colour) are on each product page.

Dimensions





Unit: mm

Product views

