

LB-8KG Line Scan

LB-8KG-M Monochrome

LB-8KG-C Color



LB-8KG: 25GigE line-scan camera with Gpixel GL0816

ACCEL LB-8KG features the Gpixel GL0816 CMOS sensor. LB-8KG comes with a resolution of 8Kx16 pixels and a line rate of: Single Line - 200KHz, Trilinear - 66KHz. This enables high-speed and low-noise image capture at 8K vision, ensuring all your inspection, sorting and production control requirements are met. The 25GigE SFP28 interface allows for cable lengths from 1M up to 10KM without the need for costly fiber converters/repeaters.

Benefits

- » High-speed 25GigE SFP28
- » 25x the speed of GigE
- » GigE Vision® and GenICam™ compliant

Applications

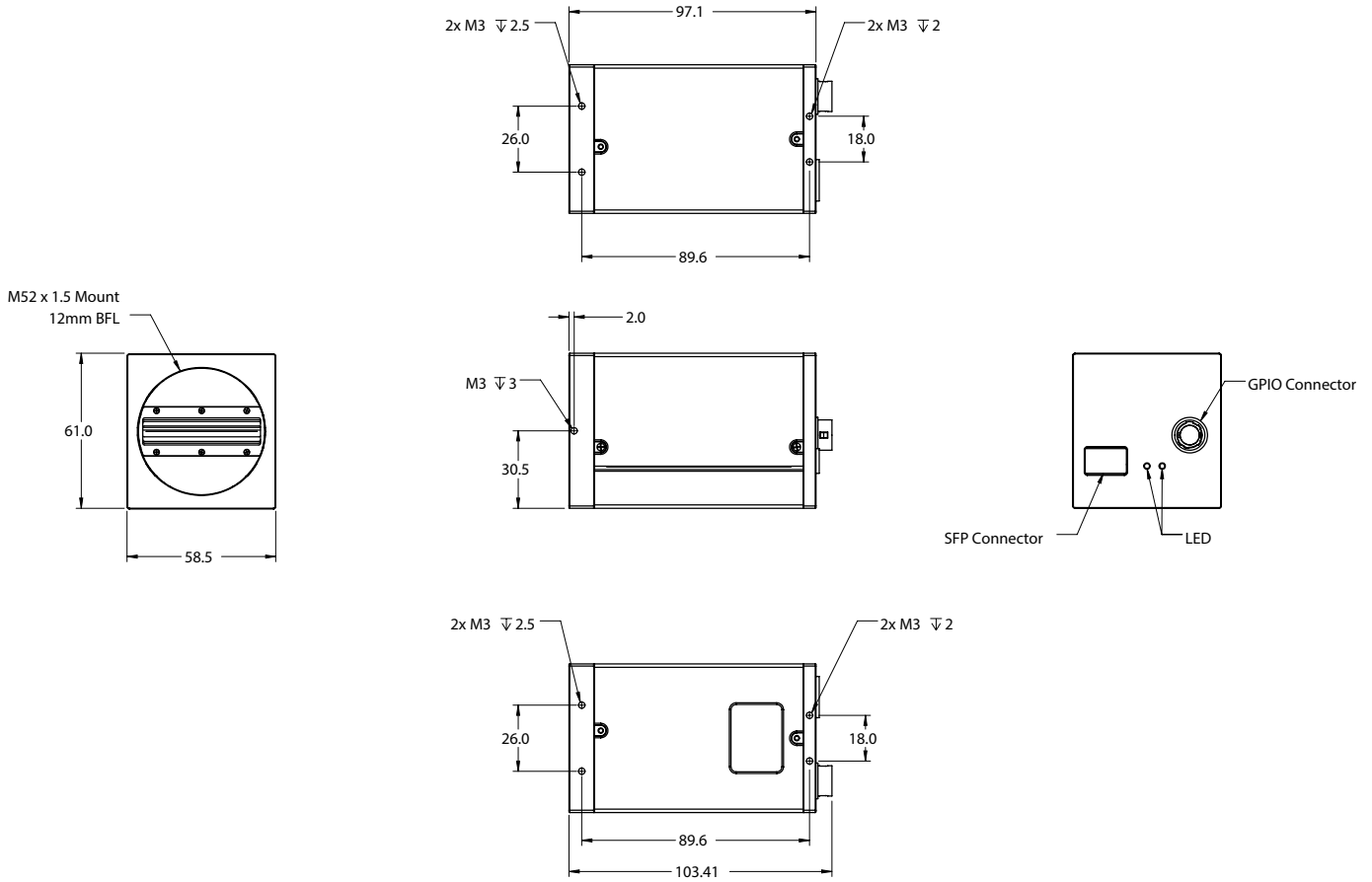
- » Industrial Inspection
- » Printing Inspection
- » Label Inspection
- » Film Inspection
- » PCB Inspection
- » Automotive Inspection
- » Food Sorting and Grading
- » Pharmaceutical Inspection

Specifications

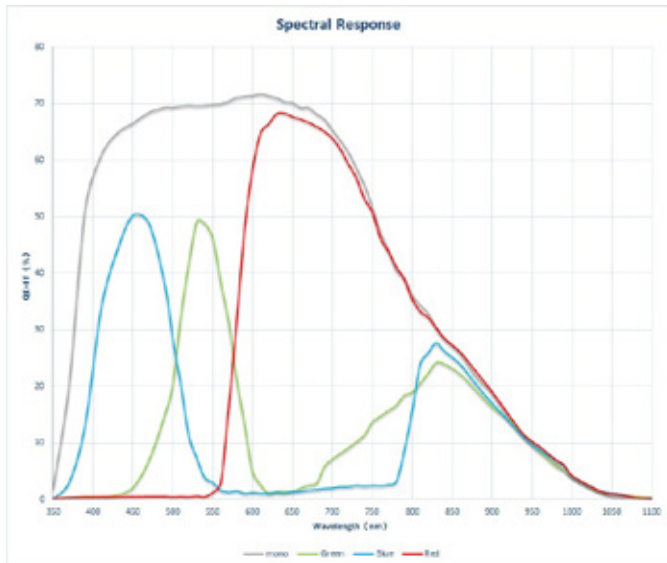
Sensor	GL0816
Resolution	8Kx16
Line Scan Mode	Single line - 200KHz Trilinear - 66KHz
Sensor Scanning Width	40.96mm
Cell Size	5x5µm
Standard Mount	M52
Shutter	Global
Bit Depth	8 & 10 bit
GPIO / Triggering	2 in, 1 out, Encoder A/B in
Interface	25GigE SFP28
Exposure/Integration*	1µs-1s
Dynamic Range	66dB
Monochrome Modes	Mono8, Mono10, Mono10Packed
Color Modes	RGB
Corrections	Flat shading (dark, lit), Spatial
Operating System	Win 7,8,10, Linux (64bit)
Compliance	CE, FCC, RoHS, WEEE, GigE Vision, GenICam
Power Requirements	12W
Operating Temperature	0C - 45C
Storage Temperature	-30C to +60C
Dimensions & Weight	97 x 58 x 60 - 395g
Warranty	2 Years

*all minimum exposure specs can vary from what is listed based on the limitations of each sensor as per notice from the manufacturer.

Mechanical drawings



Spectral Sensitivity



Any Questions?

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