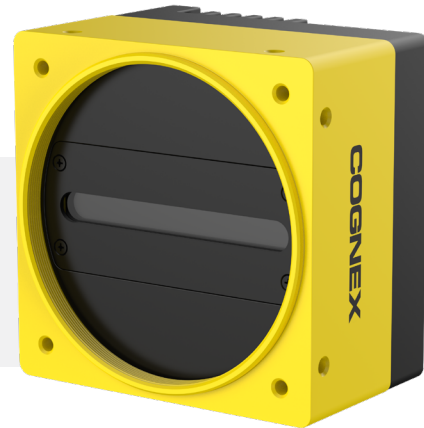


Cognex Industrial Camera

CIC-L084-MG-100-C

- Trusted Cognex® brand
- Designed for Cognex Vision Software
- CameraLink Protocol and GenICam Compatible



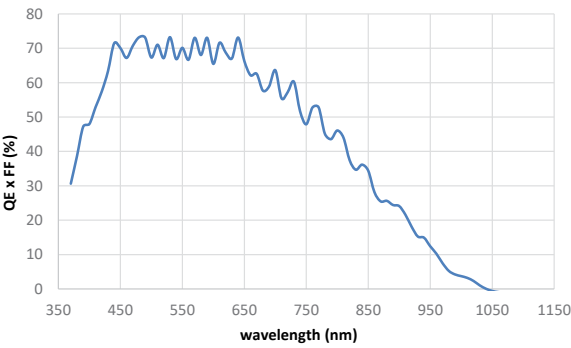
- 6.8Gbps CameraLink Interface
- PoCL and DC12~24V Power Supply Options
- CE, FCC, RoHS, REACH compliant
- Software Trigger/ Hardware Trigger/ Free Run Mode

Specifications

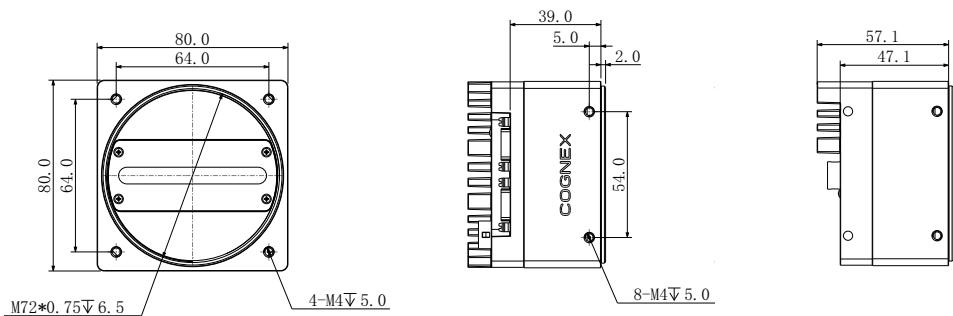
Model	Interface	Resolution	Line Rate	Mono / Color	Sensor	Sensor Type	Shutter	Sensor Size
CIC-L084-MG-100-C	CameraLink	8192 × 4	100KHz	Mono	8K	CMOS	Global	57.3mm

Model Name	CIC-L084-MG-100-C
Effective Pixels	8192 × 4
Resolution (H x V)	8192 × 4
Pixel Size (μm)	7 × 7
Pixel Format	Mono8/10/12
Digital I/O	(4) Differential/single-ended configurable input or output (1) GPIO configurable input or output
Exposure Time	3μs~100ms
Compliance	CE, FCC, RoHS, REACH
Lens Mount	M72 x 0.75
Dimensions	80mm × 80mm × 47.1mm
Weight	450g
Power Consumption (PoCL / AUX)	8.5W
Trigger Mode	Software Trigger / Hardware Trigger / Free Run Mode
Storage Temperature	-30 °C ~ +80 °C
Operating Temperature	-30 °C ~ +50 °C

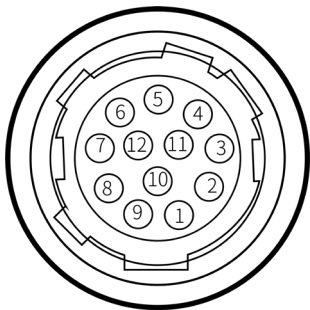
Spectrogram



Dimensions



I/O Connection



Pin	Signal	Description	
		Differential Mode	Single-ended Mode
1	Power GND	Power Ground	
2	Camera Power	Power Supply	
3	IN Line1+	Configurable input/output Line1+	Input/output
4	IN Line1-	Configurable input/output Line1-	Not Connected
5	Signal GND	Signal ground	
6	IN Line2+	Configurable input/output Line2+	Input/output
7	IN Line2-	Configurable input/output Line2-	Not Connected
8	GPIO	Non-isolated Configurable Input/Output	
9	IN/OUT Line3+	Configurable input/output Line3+	Input/output
10	IN/OUT Line3-	Configurable input/output Line3-	Not Connected
11	IN/OUT Line4+	Configurable input/output Line4+	Input/output
12	IN/OUT Line4-	Configurable input/output Line4-	Not Connected



Companies around the world rely on Cognex vision and barcode reading solutions to optimize quality, drive down costs, and control traceability.

Corporate Headquarters One Vision Drive Natick, MA 01760 USA

Regional Sales Offices

Americas

North America +1 844 999 2469
Brazil +55 11 4210 3919
Mexico +800 733 4116

Europe

Austria +43 800 28 16 32
Belgium +32 289 370 75
Czechia +420 800 023 519
France +33 1 76 54 93 18
Germany +49 721 958 8052
Hungary +36 800 80291

Ireland +353 21 421 7500
Italy +39 02 3057 8196
Netherlands +31 207 941 398
Poland +48 717 121 086
Romania +40 741 041 272
Spain +34 93 299 28 14
Sweden +46 21 14 55 88
Switzerland +41 445 788 877
Turkey +90 216 900 1696
United Kingdom +44 121 29 65 163

Asia-Pacific

Australia +61 2 7202 6910
China +86 21 5875 1133

India +91 7305 040397
Indonesia +62 21 3076 1792
Japan +81 3 5977 5400
Korea +82 2 539 9047
Malaysia +6019 916 5532
New Zealand +64 9 802 0555
Phillipines +63 2 8539 3990
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Thailand +66 6 3230 9998
Vietnam +84 98 2405167

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