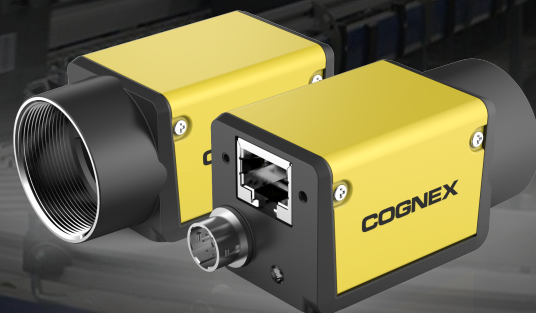


▲ CAM-CIC-12MR-8G-1

- 1Gbps Ethernet interface , max 100m transmission
- 256MB on-board frame buffer
- Support multiple image data formats
- Conform to CE, FCC, RoHS certifications
- Software trigger/Hardware trigger/Free run mode
- Compatible with GigE Vision V2.0 protocol and GenICam standard

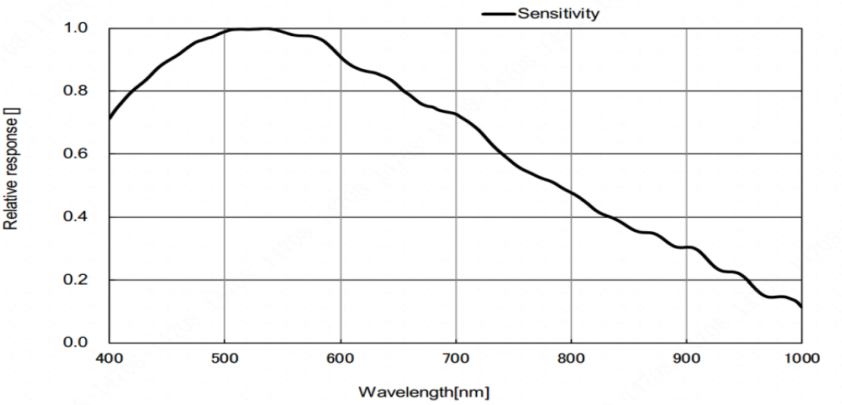


Specification

Model	Sensor	Sensor type	Shutter	Resolution	Frame rate (fps)	Bit depth	Interface	Mono/Color	Pixel size (μm)	Sensor size
CAM-CIC-12MR-8G-1	IMX226	CMOS	Rolling	4000 x 3000	9	12	GigE, POE	Mono	1.85 x 1.85	1/1.7"

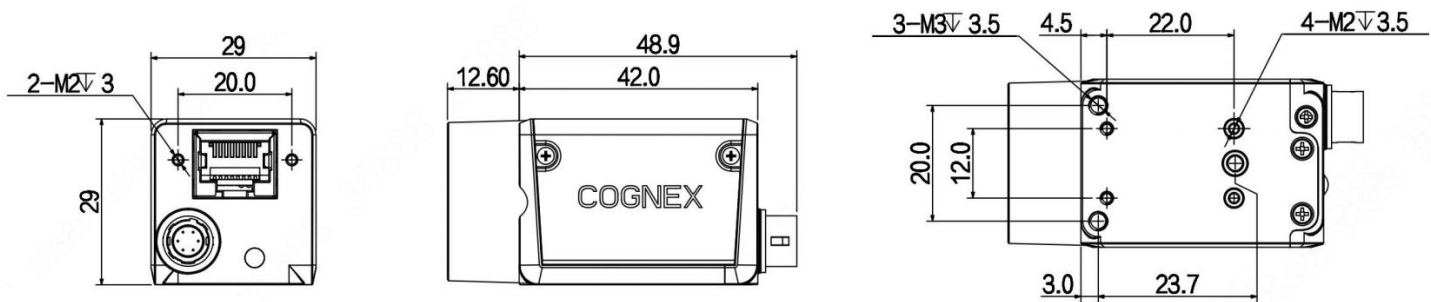
Model	CAM-CIC-12MR-8G-1
Effective Pixels	12.4 MP
SNR	>38dB
Dynamic Range	66dB
GPIO	6 pin Hirose: 1 Opto-isolated input, 1 Opto-isolated output, 1 configurable input/output without opto isolation
Image Format	Mono8/10/10Packed/12/12Packed
Binning	Support
Gain	X1~X32
Gamma	Range from 0 to 4, support LUT
Exposure Time	143 μs ~1S
Trigger Mode	ware trigger/Hardware trigger/Free run mode
Image Buffer	256MB
User Setting	Support two sets of user-defined configuration
Dimensions	29mmx29mmx42mm(not including lens mount and rear case connector)
Weight	88g
Power Supply	POE/DC power supply by Hirose connector, with voltage range from 9V to 24V
Power Consump	12V~3.4W
Lens Mount	C
Temperature	Storage temperature: -30° C~ + 80° C; Operation temperature: -30° C~+50° C

Spectrogram

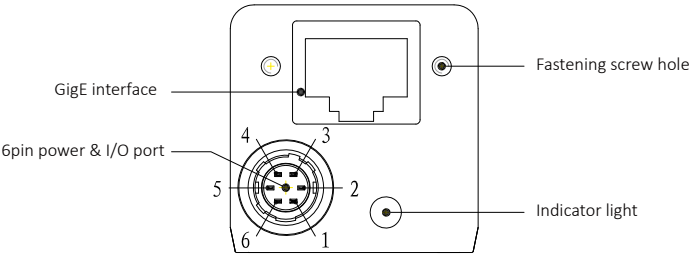


Quantum Efficiency Curve for Mono Sensor

Dimensions



IO Interface Instruction



Pin	Signal	Description
1	Power	DC 9V-24V input
2	Line1	Opto-isolated input
3	Line2	GPIO (I/O can be configured for non-isolated software)
4	Line0	Opto-isolated output
5	IO GND	Opto-isolated ground
6	GND	Ground