

▲ CAM-CIC-4KL-28-G-1

- 1Gbps Ethernet interface , max 100m transmission
- Support software trigger/hardware trigger/free run and other trigger modes;
- Support brightness enhancement, gamma correction, LUT and other ISP functions;
- Applies DC 12-24V power supply;
- Compatible with GigE Vision V2.0 protocol and GenICam standard
- Conform to CE, FCC, UL, RoHS certifications;

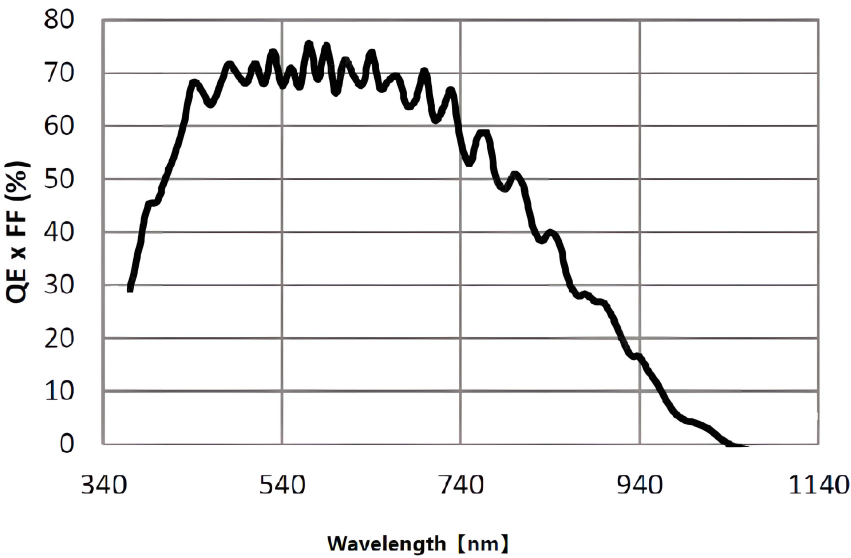


Specification

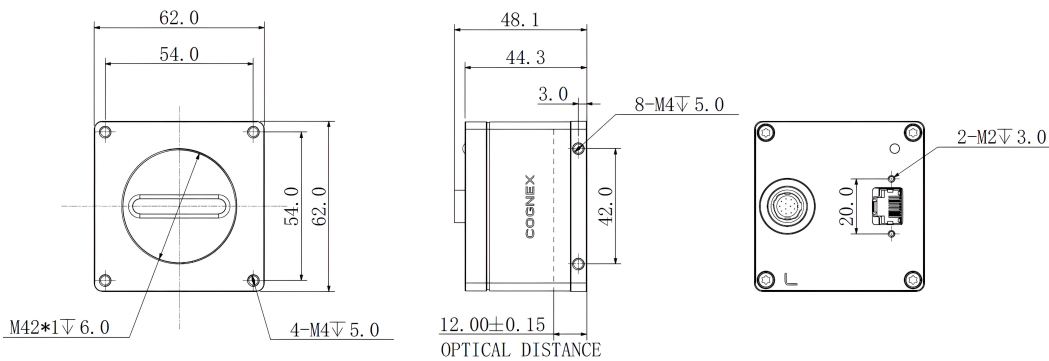
Model	Sensor	Sensor type	Shutter	Resolution	Line rate (Hz)	Bit depth	Interface	Mono/Color	Pixel size (μm)
CAM-CIC-4KL-28-G-1	GL0402	CMOS	Global	4096 x 1	28K	12	GigE	Mono	7X7

Model	CAM-CIC-4KL-28-G-1
Effective Pixels	4096 × 1
SNR	39.4 DB
Dynamic Range	66dB
GPIO	NA
Image Format	Mono8/10/12/10Packed/12Packed
Binning	Support
Gain	X1~X32
Gamma	Range from 0 to 4,support LUT
Exposure Time	4 us~100 ms
Trigger Mode	Software Trigger/Hardware Trigger/Free Run Mode
Image Buffer	512MB image cache
User Setting	Support two sets of user-defined configuration
Dimensions	62mm*62mm*43.5mm(not including lens mount and rear case connector)
Weight	245 g
Power Supply	12V~24 VDC power supply
Power Consump	4.5 W
Lens Mount	M42
Temperature	Storage temperature: -30° C~ + 80° C; Operation temperature: -30° C~+50° C

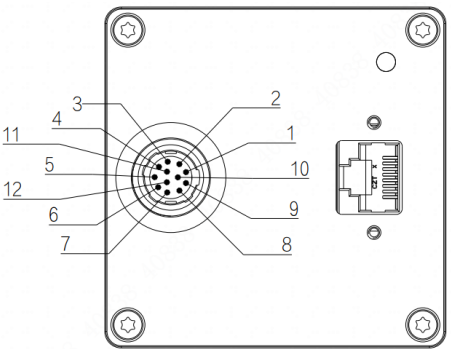
Spectrogram



Dimensions



IO Interface Instruction



Port definitions of 12-pin signals:

Pin	Description	Features
1	Power GND	Power ground
2	Camera Power	Power Supply
3	IN Line1+	Input Line1+
4	IN Line1-	Input Line1-
5	Signal GND	Signal ground
6	IN Line2+	Input Line2+
7	IN Line2-	Input Line2-
8	IN Line4	Bidirectional GPIO Line4
9	IN/OUT Line3+	Configurable input/output Line3+
10	IN/OUT Line3-	Configurable input/output Line3-
11	OPT_IN Line5	Opto-isolated input Line5
12	OPT GND	Opto-isolated ground point