

Cognex Industrial Camera

CIC-A013-MG-201-U

- Trusted Cognex® brand
- Designed for Cognex Vision Software
- USB3.0 and GenICam Compatible



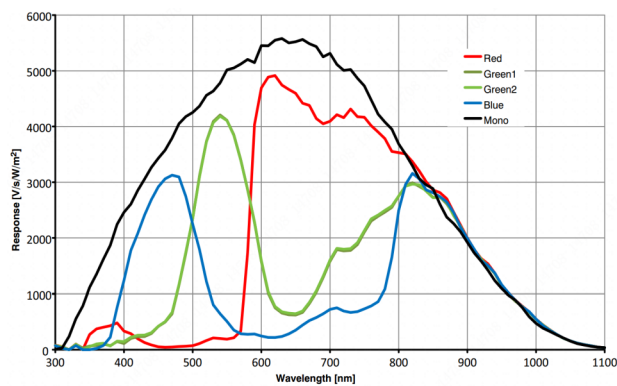
- 5Gbps USB3.0 Interface
- 128MB on-board Frame Buffer
- CE, FCC, RoHS, REACH compliant
- Software Trigger/ Hardware Trigger/ Free Run Mode

Specifications

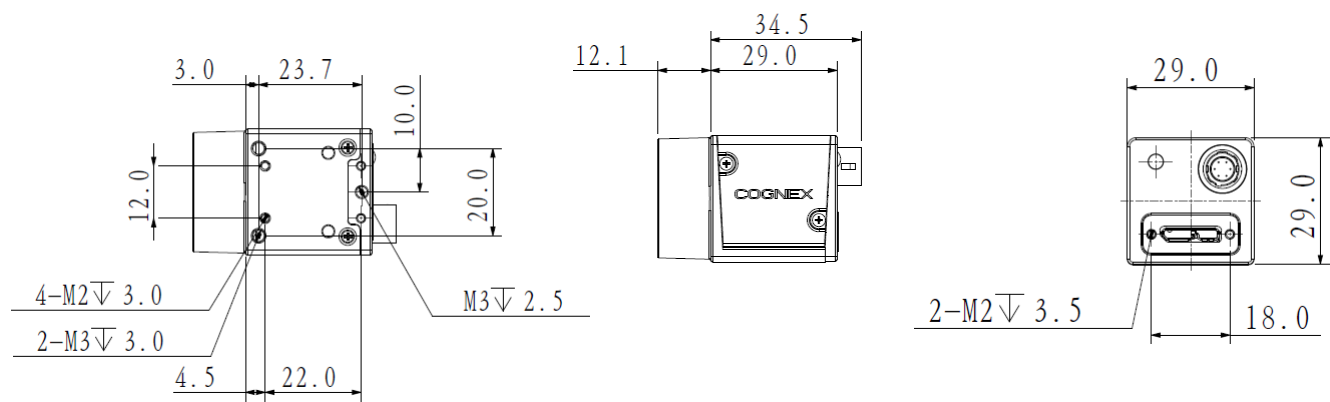
Model	Interface	Resolution	fps	Mono / Color	Sensor	Sensor Type	Shutter	Sensor Size
CIC-A013-MG-201-U	USB3.0	1.3MP	201	Mono	SS	CMOS	Global	1/2.7"

Model Name	CIC-A013-MG-201-U
Effective Pixels	1.3MP
Resolution (H x V)	1280 x 1024
Pixel Size (μm)	4.0 x 4.0
Pixel Format	Mono8/10/10Packed
Digital I/O	(1) Opto-isolated input (1) Opto-isolated output (1) Configurable input/output (without opto – isolation)
Exposure Time	10μs~1s
Compliance	CE, FCC, RoHS, REACH
Lens Mount	C-mount
Dimensions	29mm x 29mm x 29mm
Weight	68g
Power Consumption (PoE / AUX)	12V/2.8 W
Trigger Mode	Software Trigger / Hardware Trigger / Free Run Mode
Storage Temperature	-30 °C ~ +80 °C
Operating Temperature	0 °C ~ +50 °C

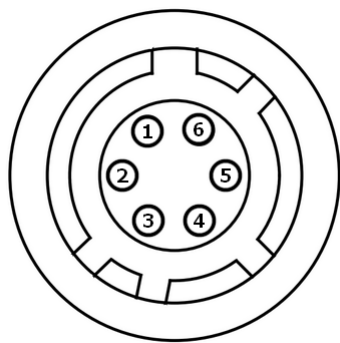
Spectrogram



Dimensions



I/O Connection



Pin	Signal	Description
1	Power	DC9V-24Vinput
2	Line1	Opto-isolated input
3	Line2	GPIO (I/O can be configured for non-isolated software)
4	Line0	
5	IO GND	Opto-isolated ground
6	GND	Ground



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

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