

Cognex Industrial Camera

CIC-A06-CR-18-G

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



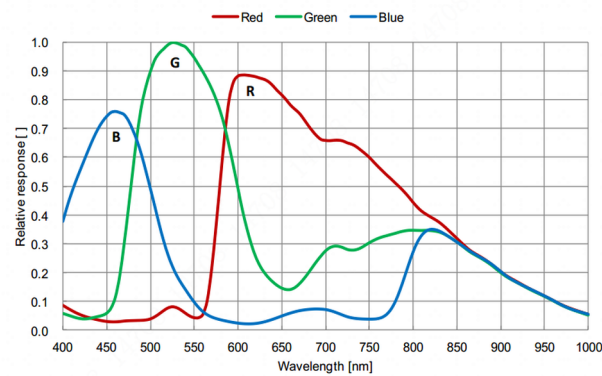
- 1Gbps Ethernet Interface
- 256MB on-board Frame Buffer
- CE, FCC, RoHS, REACH compliant
- Software Trigger/ Hardware Trigger/ Free Run Mode

Specifications

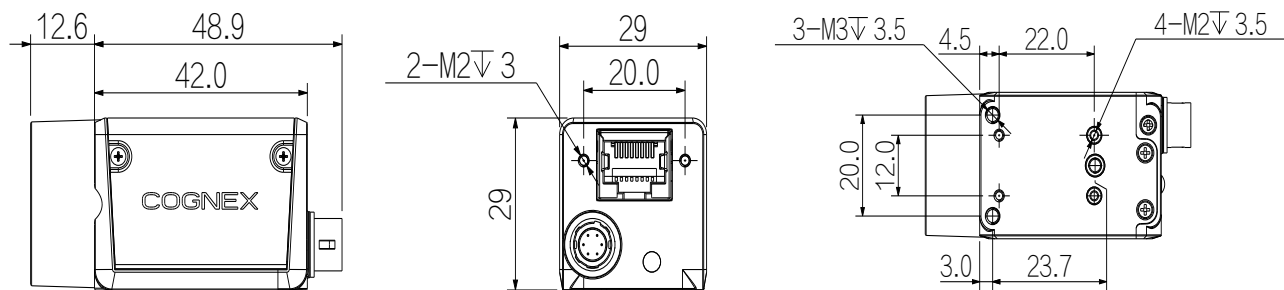
Model	Interface	Resolution	fps	Mono / Color	Sensor	Sensor Type	Shutter	Sensor Size
CIC-A06-CR-18-G	GigE	6.0MP	18	Color	IMX178	CMOS	Rolling	1/1.8"

Model Name	CIC-A06-CR-18-G
Effective Pixels	6.0MP
Resolution (H x V)	3072 x 2048
Pixel Size (μm)	2.4 x 2.4
Pixel Format	Mono8 BayerRG8/10/10Packed/12/12Packed YUV422_8_UYVY,YUV422_8
Digital I/O	(1) Opto-isolated input (1) Opto-isolated output (1) Configurable input/output (without opto – isolation)
Exposure Time	25μs~2s
Compliance	CE, FCC, RoHS, REACH
Lens Mount	C-mount
Dimensions	29mm x 29mmx 42mm
Weight	88g
Power Consumption (PoE / AUX)	12V/3.5W
Trigger Mode	Software Trigger / Hardware Trigger / Free Run Mode
Storage Temperature	-30 °C ~ +80 °C
Operating Temperature	0 °C ~ +50 °C

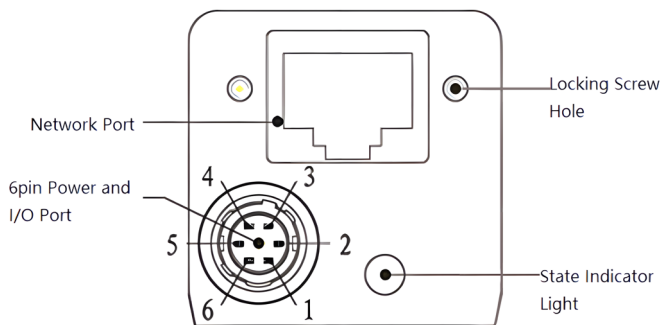
Spectrogram



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	Opto-isolated output
5	IO GND	Opto-isolated ground
6	GND	Ground

COGNEX

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
Singapore +65 3158 3322
Taiwan +886 02 7703 2848
Thailand +66 6 3230 9998
Vietnam +84 98 2405167

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