

## Cognex Industrial Camera

CIC-A25-MG-4-G

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



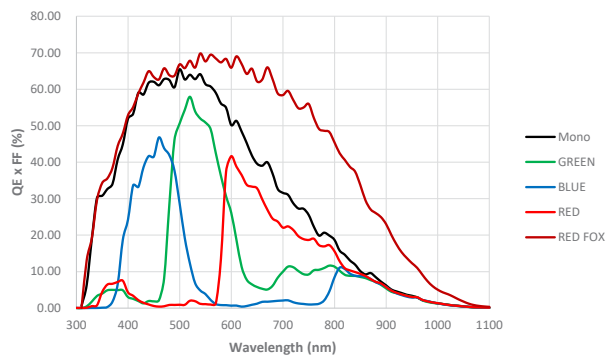
- 1Gbps Ethernet Interface
- 256MB on-board Frame Buffer
- CE, FCC, RoHS, REACH compliant
- Software Trigger/ Hardware Trigger/ Free Run Mode

### Specifications

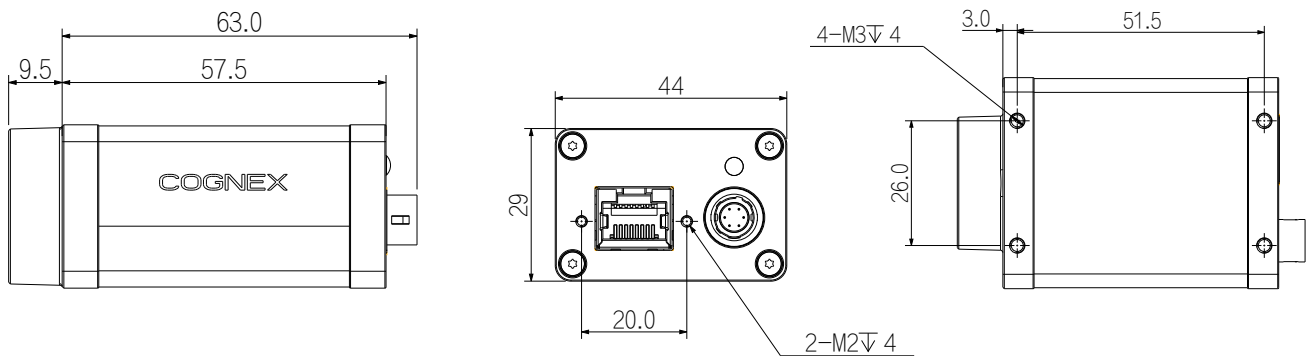
| Model          | Interface | Resolution | fps | Mono / Color | Sensor   | Sensor Type | Shutter | Sensor Size |
|----------------|-----------|------------|-----|--------------|----------|-------------|---------|-------------|
| CIC-A25-MG-4-G | GigE      | 25MP       | 4   | Mono         | GMAX0505 | CMOS        | Global  | 1.1"        |

| Model Name                    | CIC-A25-MG-4-G                                                                                                     |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------|
| Effective Pixels              | 25MP                                                                                                               |
| Resolution (H x V)            | 5120 x 5120                                                                                                        |
| Pixel Size (μm)               | 2.5 x 2.5                                                                                                          |
| Pixel Format                  | Mono8/10/10Packed/12/12 Packed                                                                                     |
| Digital I/O                   | (1) Opto-isolated input<br>(1) Opto-isolated output<br>(1) Configurable input/output<br>(without opto – isolation) |
| Exposure Time                 | 5μS~1S                                                                                                             |
| Compliance                    | CE, FCC, RoHS, REACH                                                                                               |
| Lens Mount                    | C-mount                                                                                                            |
| Dimensions                    | 29mm x 44mmx 58mm                                                                                                  |
| Weight                        | 100g                                                                                                               |
| Power Consumption (PoE / AUX) | 12V/4W                                                                                                             |
| Trigger Mode                  | Software Trigger / Hardware Trigger / Free Run Mode                                                                |
| Storage Temperature           | -30 °C ~ +80 °C                                                                                                    |
| Operating Temperature         | -30 °C ~ +50 °C                                                                                                    |

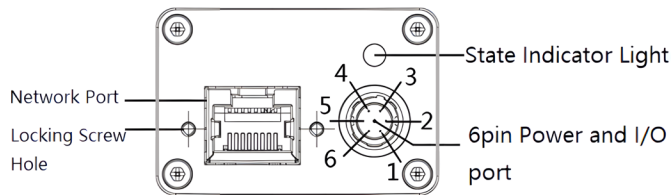
Spectrogram



Dimensions



I/O Connection



| Pin | Signal | Description                                            |
|-----|--------|--------------------------------------------------------|
| 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                                                 |

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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