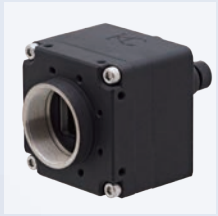
KC

Harsh environmental resistance **GigE Vision** Series

12 MP Monochrome Camera

KC1200GC3MX

- **Anti-vibration**
- **Anti-shock**
- **Oilproof**
- **Dustproof**
- **Waterproof**



Waterproof, dustproof, oilproof, shock and vibration-resistant imaging Camera

This product is an industrial camera equipped with **a global shutter, CMOS image sensor** and **GigE interface.**

Applicable Standards

Vibration test 10G : pass
Shock test 75G : pass

Anti-vibration: IEC60068-2-6(JIS C60068-2-6)
Anti-shock: MIL-STD-810H

Features

- C mount Camera
- High performance and high quality
- Extensive know-how and solid technical capabilities

Applications

- Inspection
- Measurement
- Robot vision
- Food, Pharmaceuticals

Recommend Lenses Series

FC24M

EC-IR

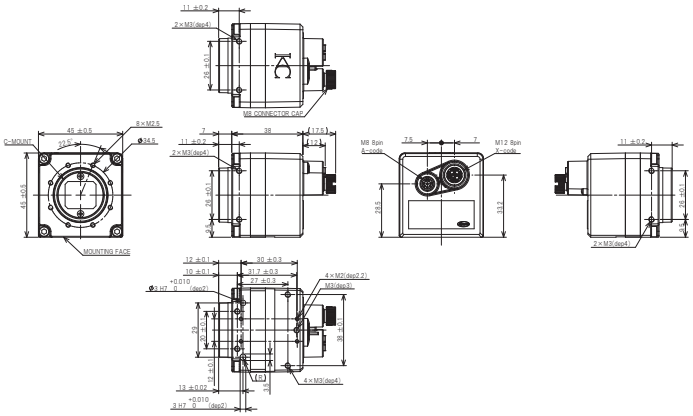
XC

Kowa Optimed Deutschland GmbH

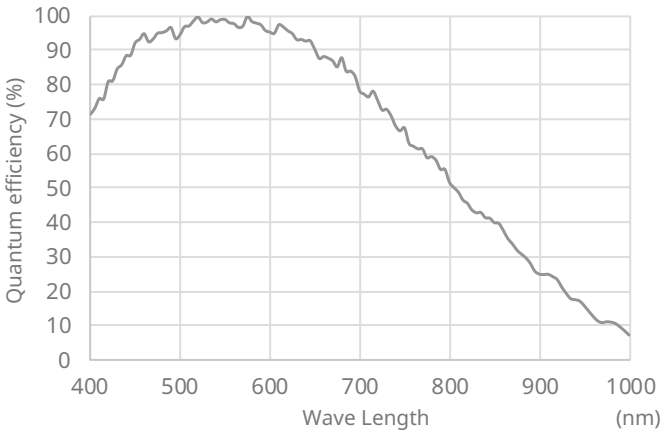
Specifications

Feature	Description
Monochrome / Color	Monochrome
Interface	GigE Vision
Sensor	IMX545
Sensor size	1/1.1”
Resolution	4128(H) x 3008(V)
Pixel size (µm)	2.74(H) x 2.74(V)
Electronic shutter	Global Shutter
Frames per second	8fps
Power supply	PoE or DC24V
Power consumption	Less than 6W
Operating temperature	0℃ - +45℃ (No condensation) ※Appropriate heat radiation is required
Operating humidity	20% - 80%RH (No condensation)
Storage temperature	-30℃ - +60℃ (No condensation)
Storage humidity	20% - 90%RH (No condensation)
Operational vibration	10G
Operational shock	75G
Dimensions (mm)	45(W) x 45(H) x 38(D) (Excluding Projections)
Lens mount	C mount
Weight (without lens)	Approx. 140g
Environment	IP67, Oil proof

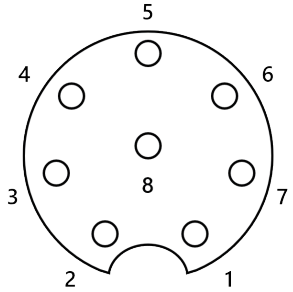
Dimensions



Spectral response and quantum efficiency



Connector pin assignment



1.	GPO A
2.	GPO B
3.	GPO C
4.	PWM
5.	N/A
6.	N/A
7.	GND
8.	DC+24V

Kowa Optimed Deutschland GmbH

Please feel free to contact our team with any questions or further enquiries at
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we will be happy to provide assistance and consultation.

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