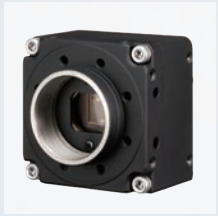
KC

Harsh environmental resistance GigE Vision Series

5 MP Monochrome Camera

KC500GC3MX

- 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

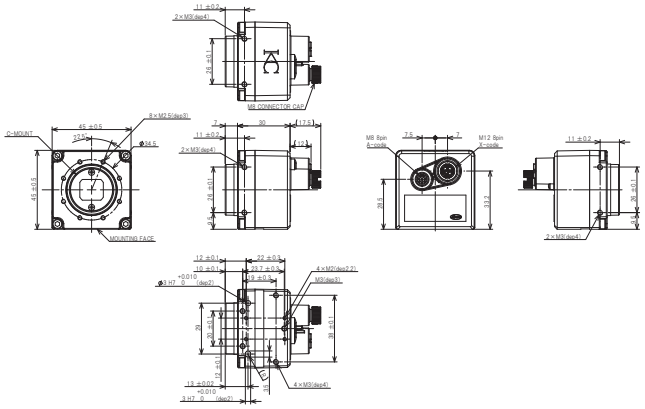
JC5MC JC5MC-WP JC5M2

Kowa Optimed Deutschland GmbH

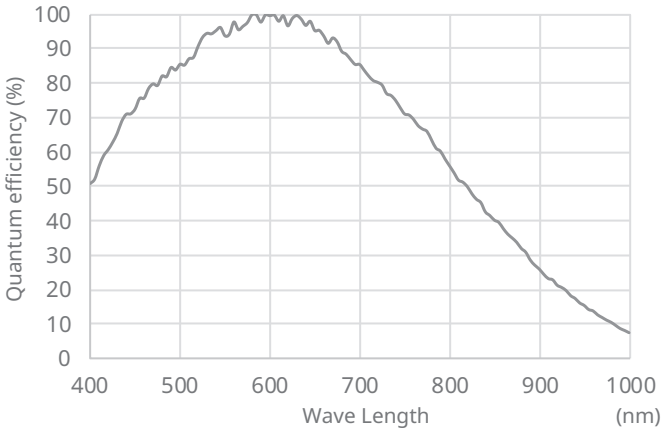
Specifications

Feature	Description
Monochrome / Color	Monochrome
Interface	GigE Vision
Sensor	IMX264
Sensor size	2/3”
Resolution	2448(H) x 2048(V)
Pixel size(μm)	3.45(H) x 3.45(V)
Electronic shutter	Global Shutter
Frames per second	23fps
Power supply	PoE or DC24V
Power consumption	Less than 4.5W
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 30(D) (Excluding Projections)
Lens mount	C mount
Weight (without lens)	Approx. 120g
Environment	IP67, Oil proof

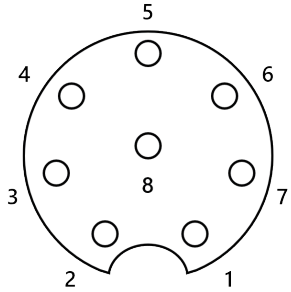
Dimensions



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
vision@kowaoptimed.com
we will be happy to provide assistance and consultation.

Fichtenstr. 123, 40233 Duesseldorf, Germany
TEL: +49-(0)211-542184-0
www.kowa-lenses.com

Kowa Optronics Co.,Ltd.

2F Kudan Center Bldg. 4-1-7, Kudan-Kita,
Chiyoda-Ku,Tokyo, Japan
TEL：03-5651-7050

6-29, Nishiki 3-chome, Naka-ku,
Nagoya, Aichi, Japan
TEL：052-963-393