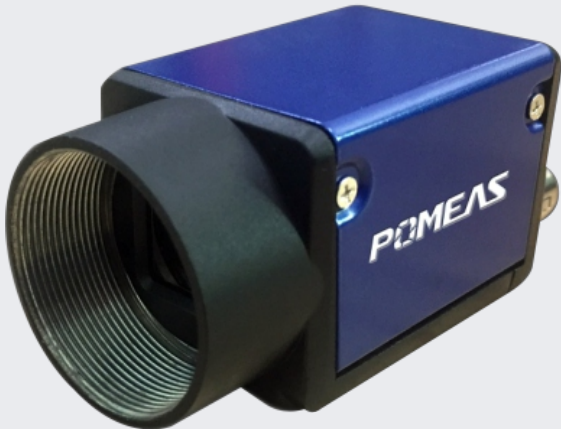


Gigabit Ethernet Industrial Camera Seri



PMS-CCN-020Q25BSC-30

2.0Megapixel 1/1.2" Gigabit Ethernet Industrial Camera

PRODUCT ADVANTAGES

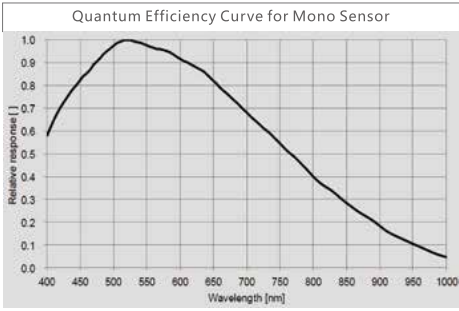
- 1. The camera uses a Gigabit Ethernet interface, which provides 1Gbps bandwidth and a maximum transmission distance of up to 100m without the need for a network repeater.
- 2. The camera is equipped with a 64MB on-board cache, which can cache multiple images for data transmission or image retransmission in burst mode.
- 3. Support software trigger/hardware trigger/hardware/software hybrid trigger/free running and other trigger modes.
- 4. support sharpness, noise reduction, gamma correction, lookup table, black level correction, brightness, contrast and other ISP functions; comply with CE, FCC, UL, ROHS certification
- 5. colour camera support interpolation, white balance, colour conversion matrix, chroma, saturation, etc.; support a variety of image data format output, ROI, Binning, mirroring, etc.
- 6. Comply with GigE Vision V2.0 protocol and GenLCam standard.

APPLICATION FIELDS

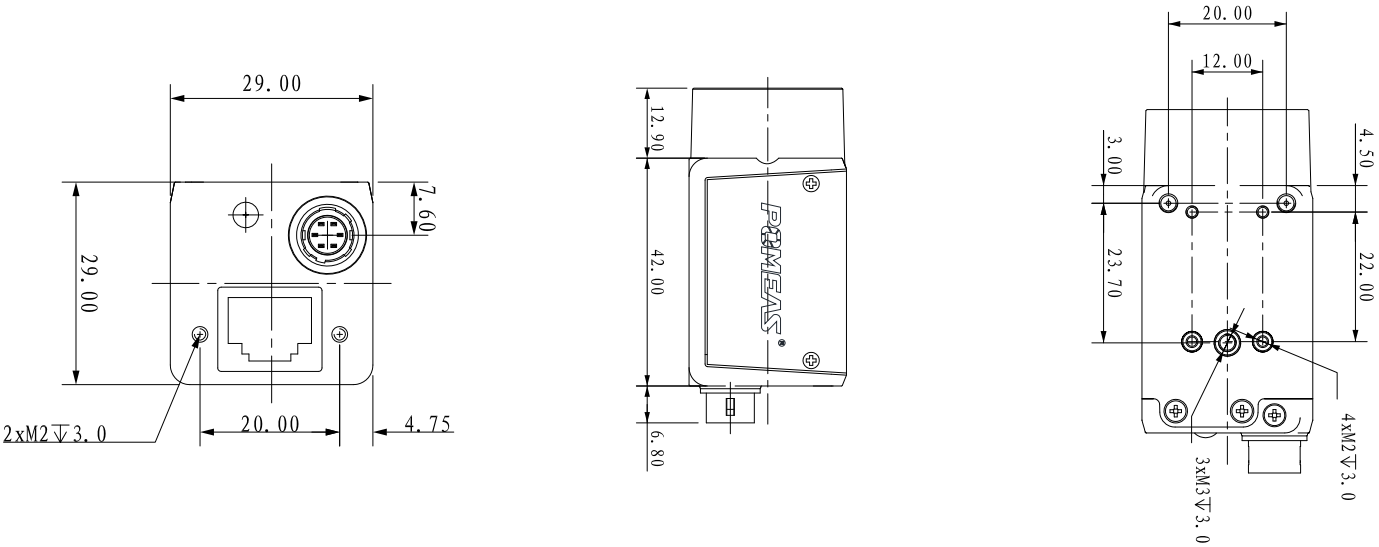
Suitable for electronic semiconductor, factory automation, food and beverage, pharmaceutical packaging, and image measurement industries.

PMS-CCN-020Q25BSC-30	
Camera Output Colour	Colour Camera
Sensor	1/1.2" Global Global Shutter CMOS
Bit Depth	12
Resolution	1920x1200
Image size	5.86μm×5.86μm
Frame rate	39fps@1920x1200
Signal-to-noise ratio	>38dB
Wide Dynamic Range	>70dB
Shutter Exposure	26us~1S
GPIO General Purpose Interface	6 pole Hirose connector: 1 optoisolated input, 1 optoisolated output, 1 configurable input and output without optoisolation
Image Format	Mono8,BayerRG8/10/10Packed BayerGB8/10/10Packed,YUV422Packed
Data Interface	GigE,PoE
Binning	Not Supported
ROI	Supported
X-Flip	Supported
Y-flip	Supported
Gain Range	X1~X32
White Balance	Normal Auto White Balance
Gamma	Range 0~4, support LUT
Image Buffer	Support 128MB
Memory Channel	Support 2 groups of user-defined configuration saving
SPC	Support
General Specification	
Power supply	POE power supply / DC power supply through Hirose interface, voltage range 6~26V
Power Consumption	12V~2.8W
Temperature	Operating temperature -30°C~+50°C, storage temperature -30°C~+80°C
Humidity	20%~95%RH non-condensing
Dimension	29mmx29mmx42mm (without lens mount and rear housing connector)
Weight	88g
Lens Interface	C-Mount

Sensor Response Curve



Product Size Diagram



I/O Interface		
Pin	Signal	Description
1	Power	+6V~26V DC power supply
2	Line1	Optocoupler isolated input
3	Line2	NA
4	Line0	Photocoupler isolated output
5	IO GND	Optocoupler isolated ground
6	GND	DC Power Ground

