

Gigabit Ethernet Industrial Camera Seri



PMS-CCN-100K15BSC

10.0Megapixel1/2.3" Gigabit Ethernet Industrial Camera

PRODUCT ADVANTAGES

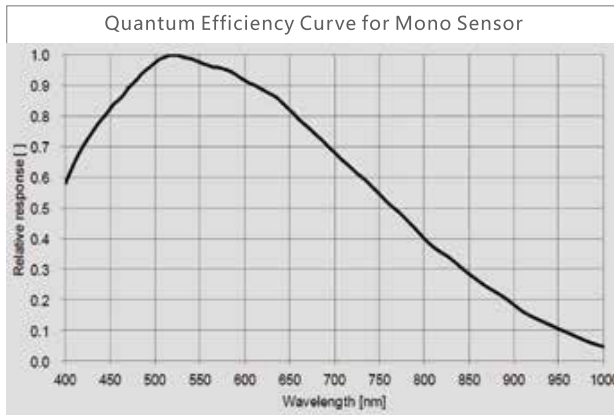
1. The camera uses a Gigabit Ethernet interface, which provides 1Gbps bandwidth and a maximum transmission distance of up to 100m without the need for a network repeater.
2. The camera is equipped with a 64MB on-board cache, which can cache multiple images for data transmission or image retransmission 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

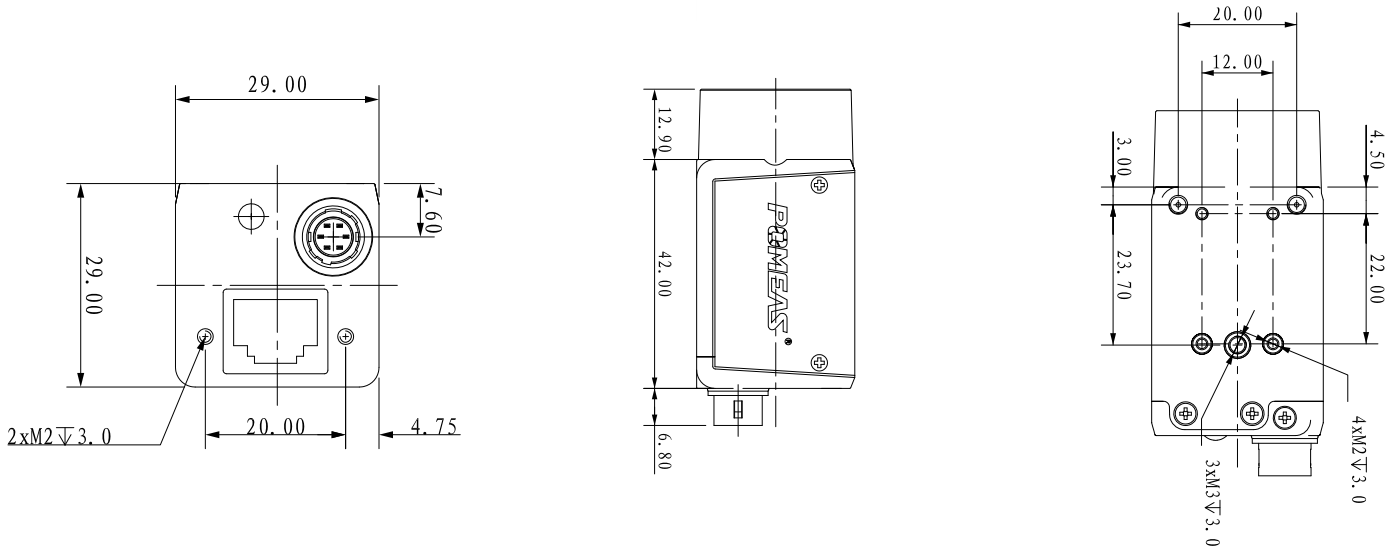
Suitable for electronic semiconductor, factory automation, food and beverage, pharmaceutical packaging, and image measurement industries.

PMS-CCN-100K15BSC	
Camera Output Colour	Black & White Camera
Sensor	1/2.3" Rolling Shutter CMOS
Resolution	3840x2748
Image size	1.67umx1.67um
Frame rate	10fps@3840x2748
Signal-to-noise ratio	>32dB
Wide Dynamic Range	65dB
Gain Range	X1-X32
Bit Depth	12
Shutter Exposure	25uS-1S
Data Interface	GigE
GPIO General Purpose Interface	6 pole Hirose interface:1 opto-coupler isolated input,1 opto-coupler isolated output 1 configurable input and output without opto-coupler isolation
Gamma	Range 0~4, support LUT
Image Storage	Support 64MB
Memory Channel	Support 2 groups of user-defined configuration saving
Image Format	Mono8/10/10Packed/12/12PackedSupportSupported
Binning	Supports
ROI	Supports
SPC	Supports
FPN	Supports
General Specification	
Power Supply Method	POE power supply / DC power supply through Hirose interface, voltage range 6~26V
Power Consumption	12V≈2.9W
Temperature	Operating Temperature -30°C~+50°C, Storage Temperature -30°C~+80°
Dimension	29mmx29mmx42mm
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	Configurable 10 inputs/outputs
4	Line0	Opto-isolated outputs
5	IO GND	Optocoupler isolated ground
6	GND	DC power supply ground

