

Gigabit Ethernet Industrial Camera Seri



PMS-CCN-020M15CSC

2.0Megapixel 1/2.8" Gigabit Ethernet Industrial Camera

PRODUCT ADVANTAGES

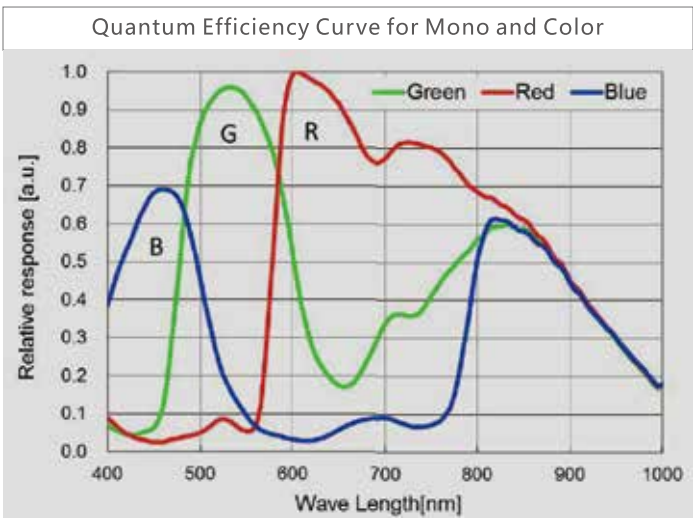
- 1. The camera uses a Gigabit Ethernet interface, which provides 1Gbps bandwidth and a maximum transmission distance of up to 100m without the need for a network repeater.
- 2. The camera is equipped with a 64MB on-board cache, which can cache multiple images for data transmission or image retransmission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

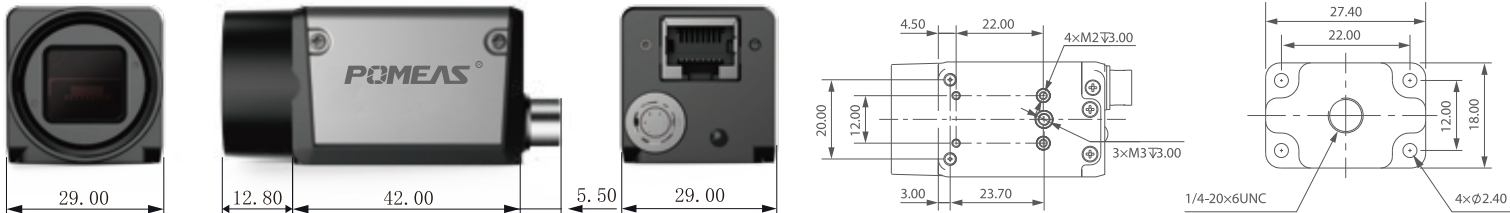
Suitable for electronic semiconductor, factory automation, food and beverage, pharmaceutical packaging, and image measurement industries.

PMS-CCN-020M15CSC	
Camera Output Colour	Colour Camera
Sensor	1/2.8" Rolling Shutter CMOS
Bit Depth	1920x1080
Resolution	2.9μmx2.9μm
Image size	22fps@1920x1080
Frame rate	>38dB
Signal-to-noise ratio	60dB
Wide Dynamic	Support DOL mode HDR
Shutter Exposure	17.5us~1S
GPIO General Purpose Interface	6-core Hirose interface: 1 opto-coupler isolated input, 1 opto-coupler isolated output 1 configurable input/output without opto-coupler isolation
Image format	Mono8,Bayer GB8/10//10PackedBayerGB8/10/10Packed, YUV422Packed
Binning	Not Supported
Decimation	Not Supported
ROI	Not Supported
Gain Range	X1~X32
Gamma	Range 0~4, support LUT
Image Acquisition Mode	Software Trigger/Hardware Trigger/Free Run
Image Buffer	64MB on-board cache
SPC	Supported
FPN	Not Supported
Memory Channel	Support 2 groups of user-defined configuration saving
Data Interface	GigE
General Specification	
Power supply	DC power supply via Hirose interface, voltage range 6~26V
Power Consumption	12V=3.3W
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	889
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

