

PMS-CCN-060C15CSC

Gigabit Ethernet industrial camera

PMS-CCN-060C15CSC industrial camera with 6 MP (3072×2048), 1/1.8" rolling shutter CMOS sensor and 18 fps @ 3072×2048. Gigabit Ethernet output for machine vision, inspection and dimensional measurement.



Model Specifications	
Sensor	1/1.8" CMOS
Sensor Format	1/1.8"
Shutter Type	Rolling shutter
Resolution	6 MP (3072×2048)
Pixel Size	2.4 μm × 2.4 μm
Frame Rate	18 fps @ 3072×2048
Color Type	Color
Interface	GigE (Gigabit Ethernet), 1 Gbit/s
Maximum Cable Length	100 m without a repeater
Protocol Compatibility	GigE Vision V2.0; GenICam
Bit Depth	12 bit
Signal-to-noise Ratio	>38 dB
Dynamic Range	>66 dB
Gain Range	1×-32×
Gamma	0-4; LUT supported
Exposure Time	25 μs-1 s
Exposure Modes	Automatic / manual / one-touch exposure
GPIO	6-pin Hirose: 1 opto-isolated input, 1 opto-isolated output and 1 configurable non-isolated input/output
Image Buffer	64 MB
Image Format	Mono8; Bayer GB8/10//10PackedBayerGB8/10/10Packed; YUV422Packed (as printed)
Memory Channel	2 groups of user-defined configurations
Binning	Not supported
ROI	Supported
SPC	Supported

Model Specifications	
Power Supply	DC 6-26 V via Hirose connector
Power Consumption	3.4 W at 12 V
Operating Temperature	-30 °C to +50 °C
Storage Temperature	-30 °C to +80 °C
Dimensions	29 × 29 × 42 mm
Weight	88 g
Lens Mount	C-mount

Features & Applications	
Feature 1	Gigabit Ethernet transfers uncompressed image data over cables up to 100 m without a repeater.
Feature 2	Automatic or manual gain, exposure and gamma adjustment; lookup-table processing.
Feature 3	GigE Vision V2.0 and GenICam compatibility for third-party software integration.
Applications	Machine vision; Industrial inspection; Microscopic imaging; Visual positioning; Dimensional measurement

Published specification notes

The table's mechanical section shifts power and temperature labels; electrical units and temperature ranges establish their intended fields. The detailed CMOS sensor table takes precedence over inconsistent listing descriptions.

The printed Bayer format string contains a duplicate; it is retained here.