

IDS GV-5880CP-C-HQ, GigE, 1/1.8" Color Camera

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IDS Imaging uEye+ GigE Cameras



+1

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C\$742^{.00}

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Color		Spectrum:
General		
Color Camera		Type:
GV-5880CP-C-HQ		Model Number:
		Manufacturer:

IDS Imaging Development Systems	
uEye+ CP	Camera Series:
Physical & Mechanical Properties	
Dimensions (mm): 29 x29 x29 (excludes connectors and lens mount)	
51	Weight (g):
Housing: Full	
Sensor	
128MB	Image Buffer:
1/1.8"	Sensor Format:
6.41	Resolution (Megapixels):
18.00	Frame Rate (fps):
3,088 x2,076	Pixels (H x V):
2.40 x2.40	Pixel Size, H x V (µm):
7.411 x4.982	Sensing Area, H x V (mm):
Sony IMX178	Imaging Sensor:
Progressive Scan CMOS	Type of Sensor:
Rolling	Shutter Type:
12 bit	Pixel Depth:
0.031ms - 2000ms	Exposure Time:
71.00	Dynamic Range (dB):
GigE Vision	Machine Vision Standard:
Electrical	
1.8 - 2.9	Power Consumption (W):
Hardware & Interface Connectivity	
GigE (PoE)	Interface:
GigE RJ45, screwable	Connector:
Power Supply: Power over Ethernet (PoE) or 12 - 24VDC via GPIO with #16-016	
GPIOs: 2 Flash Output, 2 Trigger Input, 2 GPIO, 1 Voltage Output, 1 Ground	
Synchronization: Hardware Trigger (GPIO); Software Trigger	
Interface Port Orientation: Back Panel	
GPIO Connector Type: 8-pin Hirose connector (HR25-7TR-8PA(73))	
Threading & Mounting	
C-Mount	Mount:
Mounting Threads: 1/4-20 with Tripod Mount Adapter #35-088	
Environmental & Durability Factors	
0 to +55	Operating Temperature (°C):
-20 to +60	Storage Temperature (°C):

Regulatory Compliance	
Exempt	RoHS 2015:
View	Certificate of Conformance:
Contains SVHC(s)	REACH 241:

Product Details

- Standard (SE) and Compact (CP) Housing Options Available
- C-Mount with Large Format CMOS Sensors up to 1.1"
- GenICam GigE Vision Compliant
- [IDS Imaging uEye CP/XCP/SE USB3 Cameras](#) Available

IDS Imaging uEye CP/SE GigE Cameras utilize IDS Imaging's [peak SDK platform](#) that supports GeniCam and GigE Vision standards for ease of software development and integration. The CP cameras are the industry standard size of 29 x 29 x 29mm and work for almost any application. The SE cameras have a larger housing size of 34 x 44 x 47mm to allow for exceptional heat management and are ideal for noise and heat sensitive applications. IDS Imaging uEye CP/SE GigE Cameras feature a screwable 8-pin Hirose connector for trigger and flash as well as two GPIOs. These cameras are ideal for a variety of applications such as automation, automotive, medical technology, and logistics.

Calibration Services