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IDS GV-51F0CP-M-GL, GigE, 1/1.8" Monochrome Camera

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IDS Imaging uEye+ GigE Cameras



+1

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1

+

C\$1,071⁰⁰

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Spectrum:	
Monochrome	
General	
Type:	
Monochrome Camera	
Model Number:	
GV-51F0CP-M-GL	
Manufacturer:	

IDS Imaging Development Systems	
uEye+ CP	Camera Series:
Physical & Mechanical Properties	
Dimensions (mm): 29 x29 x29 (excludes connectors and lens mount)	
53	Weight (g):
Housing: Full	
Sensor	
128MB	Image Buffer:
1/1.8"	Sensor Format:
5.10	Resolution (Megapixels):
24.00	Frame Rate (fps):
2,472 x2,064	Pixels (H x V):
2.74 x2.74	Pixel Size, H x V (µm):
6.773 x5.655	Sensing Area, H x V (mm):
Sony IMX547	Imaging Sensor:
Progressive Scan CMOS	Type of Sensor:
Global	Shutter Type:
12 bit	Pixel Depth:
0.02ms - 2000ms	Exposure Time:
70.00	Dynamic Range (dB):
GigE Vision	Machine Vision Standard:
Electrical	
1.5 - 4.2	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	
Back Panel	Interface Port Orientation:
GPIO Connector Type: 8-pin Hirose connector (HR25-7TR-8PA(73))	
Threading & Mounting	
C-Mount	Mount:
1/4-20 with Tripod Mount Adapter #35-088	Mounting Threads:
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 251:

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