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IDS GV-50C0FA-M-GL, GigE, 1/2.3" Monochrome Camera

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IDS Imaging uEye+ FA IP65/67 PoE Cameras (Front)

Stock **#26-292**   **1 In Stock**

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Spectrum:

Monochrome

General

Type:

Monochrome Camera

Model Number:

GV-50C0FA-M-GL

Manufacturer:

IDS Imaging Development Systems

	Camera Series:
uEye+ FA	

Physical & Mechanical Properties

	Dimensions (mm):
41 x 53 x 42.7 (excludes connectors and lens mount)	

	Weight (g):
174	

	Housing:
Full	

Sensor

	Image Buffer:
128MB	

	Sensor Format:
1/2.3"	

	Resolution (Megapixels):
2.35	

	Frame Rate (fps):
52.00	

	Pixels (H x V):
1,936 x 1,216	

	Pixel Size, H x V (μm):
3.45 x 3.45	

	Sensing Area, H x V (mm):
6.679 x 4.195	

	Imaging Sensor:
Sony IMX392	

	Type of Sensor:
Progressive Scan CMOS	

	Shutter Type:
Global	

	Pixel Depth:
12 bit	

	Exposure Time:
0.025ms - 2000ms	

	Dynamic Range (dB):
71.00	

	Machine Vision Standard:
GigE Vision	

Electrical

	Power Consumption (W):
1.7 - 4	

Hardware & Interface Connectivity

	Interface:
GigE (PoE)	

	Connector:
GigE M12, screwable	

	Power Supply:
Power over Ethernet (PoE) or 12 - 24VDC via GPIO with **#19-692**	

	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 Binder connector (Binder series 712: 09-0427-020-08)	

Threading & Mounting

	Mount:
C-Mount	

	Mounting Threads:
¼-20 with Tripod Mount Adapter **#19-694**	

Environmental & Durability Factors

	Operating Temperature (°C):
0 to +55	

	Storage Temperature (°C):
-20 to +60	

Product Details

- Designed for Harsh Environments
- Robust IP65/67 Housing for Dust and Washdown Protection
- Compatible with TECHSPEC® Cw Series Lenses
- IP65/67 Rated Accessories and Illumination Also Available

IDS Imaging uEye+ FA IP65/67 PoE Cameras feature robust IP65/67 rated housings to withstand harsh industrial environments, providing protection against dirt, dust, and water. These cameras provide plug-and-play functionality and require no additional enclosures when paired with TECHSPEC® Cw Series Lenses. Featuring IP65/67 rated accessories, these cameras utilize IDS Imaging's latest Peak SDK platform that supports GenICam and GigE Vision standards, simplifying system integration and software development. IDS Imaging uEye+ FA IP65/67 PoE Cameras are ideal for a wide variety of demanding applications requiring washdown and dust resistance including factory automation, medical technology, and machine vision.

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