

IDS GV-51L0FA-M-GL, GigE, 1/1.1" Monochrome Camera

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



Stock **#78-080** 1 In Stock

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1

+

S\$2,506⁰⁰

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SPECIFICATIONS

General

Type:
Monochrome Camera

Model Number:

GV-51L0FA-M-GL	
IDS Imaging Development Systems	Manufacturer:
uEye+ FA	Camera Series:
Monochrome	Spectrum:
Physical & Mechanical Properties	
41 x 53 x 42.7 (excludes connectors and lens mount)	Dimensions (mm):
178	Weight (g):
Full	Housing:
Sensor	
128MB	Image Buffer:
1/1.1"	Sensor Format:
12.42	Resolution (Megapixels):
10.00	Frame Rate (fps):
4,128 x 3,008	Pixels (H x V):
2.74 x 2.74	Pixel Size, H x V (µm):
11.311 x 8.242	Sensing Area, H x V (mm):
Sony IMX545	Imaging Sensor:
Progressive Scan CMOS	Type of Sensor:
Global	Shutter Type:
12 bit	Pixel Depth:
0.012ms - 2000ms	Exposure Time:
70.00	Dynamic Range (dB):
GigE Vision	Machine Vision Standard:
Electrical	
2 - 4	Power Consumption (W):
Hardware & Interface Connectivity	
GigE (PoE)	Interface:
GigE M12, screwable	Connector:
Power over Ethernet (PoE) or 12 - 24VDC via GPIO with #19-692	Power Supply:
2 Flash Output, 2 Trigger Input, 2 GPIO, 1 Power Supply, 1 Ground	GPIOs:
Hardware Trigger (GPIO), Software Trigger, or PTP (IEEE 1588)	Synchronization:
Back Panel	Interface Port Orientation:
8-pin Binder connector (Binder series 712: 09-0427-020-08)	GPIO Connector Type:
Threading & Mounting	
C-Mount	Mount:
1/4-20 with Tripod Mount Adapter #19-694	Mounting Threads:

Environmental & Durability Factors

0 to +55	Operating Temperature (°C):
-20 to +60	Storage Temperature (°C):

Regulatory Compliance

View	Certificate of Conformance:
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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.