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IDS GV-5250FA-M-GL, GigE, 1/1.8" Monochrome Camera

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IDS Imaging uEye+ FAIP65/67 PoE Cameras (Front)



Stock #26-299 **1 In Stock**

- 1 + **\$S\$1,288⁰⁰**

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Monochrome **Spectrum:**

General

Monochrome Camera **Type:**

GV-5250FA-M-GL **Model Number:**

Manufacturer:

uEye+ FA **Camera Series:**

Physical & Mechanical Properties

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

Weight (g):
173

Housing:
Full

Sensor

Image Buffer:
128MB

Sensor Format:
1/1.8"

Resolution (Megapixels):
1.92

Frame Rate (fps):
52.00

Pixels (H x V):
1,600 x 1,200

Pixel Size, H x V (µm):
4.50 x 4.50

Sensing Area, H x V (mm):
7.2 x 5.4

Imaging Sensor:
e2vEV76C570

Type of Sensor:
Progressive Scan CMOS

Shutter Type:
Rolling / Global / Global Start

Pixel Depth:
10 bit

Exposure Time:
0.014ms - 181ms

Dynamic Range (dB):
66.00

Machine Vision Standard:
GigE Vision

Electrical

Power Consumption (W):
1.7 - 2.4

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:
1/4-20 with Tripod Mount Adapter [#19-694](#)

Environmental & Durability Factors

Operating Temperature (°C):
0 to +55

Storage Temperature (°C):
-20 to +60

Regulatory Compliance

[Exempt](#)

RoHS 2015:

[View](#)

Certificate of Conformance:

[Contains SVHC\(s\)](#)

REACH 241:

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.