

IDS GV-5270FA-M-GL, GigE, 1/1.8" Monochrome Camera

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



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- 1 + C\$1,267⁰⁰

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SPECIFICATIONS

General

Monochrome Camera **Type:**
Model Number:

GV-5270FA-M-GL

Manufacturer:
IDS Imaging Development Systems

Camera Series:
uEye+ FA

Spectrum:
Monochrome

Physical & Mechanical Properties

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

Weight (g):
175

Housing:
Full

Sensor

Image Buffer:
128MB

Sensor Format:
1/1.8"

Resolution (Megapixels):
3.19

Frame Rate (fps):
37.00

Pixels (H x V):
2,056 x 1,542

Pixel Size, H x V (µm):
3.45 x 3.45

Sensing Area, H x V (mm):
7.093 x 5.32

Imaging Sensor:
Sony IMX265

Type of Sensor:
Progressive Scan CMOS

Shutter Type:
Global

Pixel Depth:
12 bit

Exposure Time:
0.03ms - 2000ms

Dynamic Range (dB):
70.00

Machine Vision Standard:
GigE Vision

Electrical

Power Consumption (W):
1.7 - 2.9

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

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

- 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.

CALIBRATION SERVICES