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IDS GV-5880FA-M-GL, GigE, 1/1.8" Monochrome Camera

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



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Monochrome **Spectrum:**

General

Monochrome Camera **Type:**

GV-5880FA-M-GL **Model Number:**

Manufacturer:

Camera Series:

uEye+ FA

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):

6.41

Frame Rate (fps):

18.00

Pixels (H x V):

3,088 x 2,076

Pixel Size, H x V (µm):

2.40 x 2.40

Sensing Area, H x V (mm):

7.411 x 4.982

Imaging Sensor:

Sony IMX178

Type of Sensor:

Progressive Scan CMOS

Shutter Type:

Rolling

Pixel Depth:

12 bit

Exposure Time:

0.031ms - 2000ms

Dynamic Range (dB):

71.00

Machine Vision Standard:

GigE Vision

Electrical

Power Consumption (W):

1.8 - 2.7

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

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