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## IDS GV-5290FA-C-HQ, GigE, 1" Color Camera

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



Stock #26-305 **1 In Stock**

⊖ 1 ⊕ £1,608<sup>00</sup>

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## SPECIFICATIONS

Color

Spectrum:

### General

Type:

Color Camera

**Model Number:**

GV-5290FA-C-HQ

**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"

**Resolution (Megapixels):**

8.85

**Frame Rate (fps):**

13.00

**Pixels (H x V):**

4,104 x 2,174

**Pixel Size, H x V (µm):**

3.45 x 3.45

**Sensing Area, H x V (mm):**

14.158 x 7.5

**Imaging Sensor:**

Sony IMX267

**Type of Sensor:**

Progressive Scan CMOS

**Shutter Type:**

Global

**Pixel Depth:**

12 bit

**Exposure Time:**

0.046ms - 2000ms

**Dynamic Range (dB):**

70.00

**Machine Vision Standard:**

GigE Vision

## Electrical

**Power Consumption (W):**

1.7 - 3.1

## 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

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0 to +55 **Operating Temperature (°C):**

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

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## Regulatory Compliance

[Exempt](#) **RoHS 2015:**

[View](#) **Certificate of Conformance:**

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[Contains SVHC\(s\)](#) **REACH 241:**

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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.

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