

# IDS GV-5890FA-C-HQ, GigE, 1/1.7" Color Camera

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Stock #26-315 3-4 DAYS

- 1 + €725.<sup>00</sup>

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Qty 1+

€725,00

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## SPECIFICATIONS

### General

Type:  
Color

**Manufacturer:**  
IDS Imaging Development Systems

**Camera Family:**  
uEye+ FA

**Model Number:**  
GV-5890FA-C-HQ

## Physical & Mechanical Properties

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

**Weight (g):**  
173

**Housing:**  
Full

## Sensor

**Image Buffer:**  
128

**Imaging Sensor:**  
Sony IMX226

**Type of Sensor:**  
Progressive Scan CMOS

**Type of Shutter:**  
Rolling

**Camera Sensor Format:**  
1/1.7"

**Resolution (MegaPixels):**  
12.00

**Pixels (H x V):**  
4,000 x 3,000

**Pixel Size, H x V (µm):**  
1.85 x 1.85

**Sensing Area, H x V (mm):**  
7.4 x 5.55

**Frame Rate (fps):**  
10.00

**Pixel Depth:**  
12 bit

**Exposure Time:**  
0.04ms - 2000ms

**Dynamic Range (dB):**  
68.00

**Machine Vision Standard:**  
GigE Vision

## Electrical

**Power Consumption (W):**  
2.1 - 3.3

## Hardware & Interface Connectivity

**Video Output:**  
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

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

**Mount:**  
C-Mount

## Environmental & Durability Factors

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

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

## Regulatory Compliance

RoHS 2015:  
[Exempt](#)

Certificate of Conformance:  
[View](#)

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

## 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.