

# IDS GV-51F0FA-C-HQ, GigE, 1/1.8" Color Camera

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IDS Imaging uEye+ FA IP65/67 PoE Cameras (Front)



Stock **#78-083** 1 In Stock

-

1

+

₹89,500

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## SPECIFICATIONS

General

Color Camera

Type:

Model Number:

|                                                                               |                             |
|-------------------------------------------------------------------------------|-----------------------------|
| GV-51F0FA-C-HQ                                                                |                             |
| IDS Imaging Development Systems                                               | Manufacturer:               |
| uEye+ FA                                                                      | Camera Series:              |
| Color                                                                         | Spectrum:                   |
| Physical & Mechanical Properties                                              |                             |
| 41 x 53 x 42.7 (excludes connectors and lens mount)                           | Dimensions (mm):            |
| 178                                                                           | Weight (g):                 |
| Full                                                                          | Housing:                    |
| Sensor                                                                        |                             |
| 128MB                                                                         | Image Buffer:               |
| 1/1.8"                                                                        | Sensor Format:              |
| 5.10                                                                          | Resolution (Megapixels):    |
| 24.00                                                                         | Frame Rate (fps):           |
| 2,472 x 2,064                                                                 | Pixels (H x V):             |
| 2.74 x 2.74                                                                   | Pixel Size, H x V (µm):     |
| 6.773 x 5.655                                                                 | Sensing Area, H x V (mm):   |
| Sony IMX547                                                                   | Imaging Sensor:             |
| Progressive Scan CMOS                                                         | Type of Sensor:             |
| Global                                                                        | Shutter Type:               |
| 12 bit                                                                        | Pixel Depth:                |
| 0.035ms - 2000ms                                                              | Exposure Time:              |
| 70.00                                                                         | Dynamic Range (dB):         |
| GigE Vision                                                                   | Machine Vision Standard:    |
| Electrical                                                                    |                             |
| 2 - 4                                                                         | Power Consumption (W):      |
| Hardware & Interface Connectivity                                             |                             |
| GigE (PoE)                                                                    | Interface:                  |
| GigE M12, screwable                                                           | Connector:                  |
| Power over Ethernet (PoE) or 12 - 24VDC via GPIO with <a href="#">#19-692</a> | Power Supply:               |
| 2 Flash Output, 2 Trigger Input, 2 GPIO, 1 Power Supply, 1 Ground             | GPIOs:                      |
| Hardware Trigger (GPIO), Software Trigger, or PTP (IEEE 1588)                 | Synchronization:            |
| Back Panel                                                                    | Interface Port Orientation: |
| 8-pin Binder connector (Binder series 712: 09-0427-020-08)                    | GPIO Connector Type:        |
| Threading & Mounting                                                          |                             |
| C-Mount                                                                       | Mount:                      |
| 1/4-20 with Tripod Mount Adapter <a href="#">#19-694</a>                      | Mounting Threads:           |

| Environmental & Durability Factors |                             |
|------------------------------------|-----------------------------|
| 0 to +55                           | Operating Temperature (°C): |
| -20 to +60                         | Storage Temperature (°C):   |
|                                    |                             |
| Regulatory Compliance              |                             |
| <a href="#">View</a>               | Certificate of Conformance: |
|                                    |                             |

## 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.