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# IDS GV-5800FA-C-HQ, GigE, 1" Color Camera

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



Stock **#26-309** 1 In Stock

-

1

+

£852<sup>.00</sup>

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| Color             | Spectrum:     |
| General           |               |
| Color Camera      | Type:         |
| GV-5800FA-C-HQ    | Model Number: |

|                                                                               |  |                             |
|-------------------------------------------------------------------------------|--|-----------------------------|
| IDS Imaging Development Systems                                               |  | Manufacturer:               |
| uEye+ FA                                                                      |  | Camera Series:              |
| Physical & Mechanical Properties                                              |  |                             |
| 41 x 53 x 42.7 (excludes connectors and lens mount)                           |  | Dimensions (mm):            |
| 173                                                                           |  | Weight (g):                 |
| Full                                                                          |  | Housing:                    |
| Sensor                                                                        |  |                             |
| 128MB                                                                         |  | Image Buffer:               |
| 1"                                                                            |  | Sensor Format:              |
| 20.44                                                                         |  | Resolution (Megapixels):    |
| 6.00                                                                          |  | Frame Rate (fps):           |
| 5,536 x 3,692                                                                 |  | Pixels (H x V):             |
| 2.40 x 2.40                                                                   |  | Pixel Size, H x V (µm):     |
| 13.286 x 8.861                                                                |  | Sensing Area, H x V (mm):   |
| Sony IMX183                                                                   |  | Imaging Sensor:             |
| Progressive Scan CMOS                                                         |  | Type of Sensor:             |
| Rolling                                                                       |  | Shutter Type:               |
| 12 bit                                                                        |  | Pixel Depth:                |
| 0.053ms - 2000ms                                                              |  | Exposure Time:              |
| 71.00                                                                         |  | Dynamic Range (dB):         |
| GigE Vision                                                                   |  | Machine Vision Standard:    |
| Electrical                                                                    |  |                             |
| 1.5 - 3.4                                                                     |  | 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 Voltage Output, 1 Ground           |  | GPIOs:                      |
| Hardware Trigger (GPIO); Software Trigger                                     |  | 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:                      |
| ¼-20 with Tripod Mount Adapter <a href="#">#19-694</a>                        |  | Mounting Threads:           |
| Environmental & Durability Factors                                            |  |                             |
| 0 to +55                                                                      |  | Operating Temperature (°C): |
|                                                                               |  | Storage Temperature (°C):   |

| Regulatory Compliance            |                             |
|----------------------------------|-----------------------------|
| <a href="#">Exempt</a>           | RoHS 2015:                  |
| <a href="#">View</a>             | Certificate of Conformance: |
| <a href="#">Contains SVHC(s)</a> | 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.