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# IDS GV-51J0FA-M-GL, GigE, 2/3" Monochrome Camera

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



Stock **#78-082** **1 In Stock**

-

1

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₹1,04,000

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| Monochrome        |  | Spectrum:     |
| Monochrome Camera |  | Type:         |
| GV-51J0FA-M-GL    |  | Model Number: |
|                   |  | Manufacturer: |

|                                                                                                |                |
|------------------------------------------------------------------------------------------------|----------------|
| IDS Imaging Development Systems                                                                |                |
| uEye+ FA                                                                                       | Camera Series: |
| Physical & Mechanical Properties                                                               |                |
| Dimensions (mm):<br>41 x 53 x 42.7 (excludes connectors and lens mount)                        |                |
| Weight (g):<br>178                                                                             |                |
| Housing:<br>Full                                                                               |                |
| Sensor                                                                                         |                |
| Image Buffer:<br>128MB                                                                         |                |
| Sensor Format:<br>2/3"                                                                         |                |
| Resolution (Megapixels):<br>8.13                                                               |                |
| Frame Rate (fps):<br>15.00                                                                     |                |
| Pixels (H x V):<br>2,856 x 2,848                                                               |                |
| Pixel Size, H x V (µm):<br>2.74 x 2.74                                                         |                |
| Sensing Area, H x V (mm):<br>7.825 x 7.804                                                     |                |
| Imaging Sensor:<br>Sony IMX546                                                                 |                |
| Type of Sensor:<br>Progressive Scan CMOS                                                       |                |
| Shutter Type:<br>Global                                                                        |                |
| Pixel Depth:<br>12 bit                                                                         |                |
| Exposure Time:<br>0.009ms - 2000ms                                                             |                |
| Dynamic Range (dB):<br>70.00                                                                   |                |
| Machine Vision Standard:<br>GigE Vision                                                        |                |
| Electrical                                                                                     |                |
| Power Consumption (W):<br>2 - 4                                                                |                |
| Hardware & Interface Connectivity                                                              |                |
| Interface:<br>GigE (PoE)                                                                       |                |
| Connector:<br>GigE M12, screwable                                                              |                |
| Power Supply:<br>Power over Ethernet (PoE) or 12 - 24VDC via GPIO with <a href="#">#19-692</a> |                |
| GPIOs:<br>2 Flash Output, 2 Trigger Input, 2 GPIO, 1 Power Supply, 1 Ground                    |                |
| Synchronization:<br>Hardware Trigger (GPIO), Software Trigger, or PTP (IEEE 1588)              |                |
| Interface Port Orientation:<br>Back Panel                                                      |                |
| GPIO Connector Type:<br>8-pin Binder connector (Binder series 712: 09-0427-020-08)             |                |
| Threading & Mounting                                                                           |                |
| Mount:<br>C-Mount                                                                              |                |
| Mounting Threads:<br>1/4-20 with Tripod Mount Adapter <a href="#">#19-694</a>                  |                |
| Environmental & Durability Factors                                                             |                |
| Operating Temperature (°C):<br>0 to +55                                                        |                |
| Storage Temperature (°C):<br>-20 to +60                                                        |                |

| Regulatory Compliance               |                             |
|-------------------------------------|-----------------------------|
| <a href="#">Exempt</a>              | RoHS 2015:                  |
| <a href="#">View</a>                | Certificate of Conformance: |
| <a href="#">Contains SVHC(s)</a>    | Reach 251:                  |
| Germany                             | Country of Origin:          |
| Edmund Optics India Private Limited | Imported By:                |

## 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.