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# IDS GV-51J0CP-C-HQ, GigE, 2/3" Color Camera

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IDS Imaging uEye+ GigE Cameras



Stock **#78-094** 1 In Stock

-

1

+

€960<sup>.00</sup>

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|                   |               |
| Color             | Spectrum:     |
|                   |               |
| General           |               |
| Color Camera      | Type:         |
| GV-51J0CP-C-HQ    | Model Number: |

|                                                                     |                             |
|---------------------------------------------------------------------|-----------------------------|
| IDS Imaging Development Systems                                     | Manufacturer:               |
| uEye+ CP                                                            | Camera Series:              |
| Physical & Mechanical Properties                                    |                             |
| 29 x 29 x 29 (excludes connectors and lens mount)                   | Dimensions (mm):            |
| 53                                                                  | Weight (g):                 |
| Full                                                                | Housing:                    |
| Sensor                                                              |                             |
| 128MB                                                               | Image Buffer:               |
| 2/3"                                                                | Sensor Format:              |
| 8.13                                                                | Resolution (Megapixels):    |
| 15.00                                                               | Frame Rate (fps):           |
| 2,856 x 2,848                                                       | Pixels (H x V):             |
| 2.74 x 2.74                                                         | Pixel Size, H x V (µm):     |
| 7.825 x 7.804                                                       | Sensing Area, H x V (mm):   |
| Sony IMX546                                                         | Imaging Sensor:             |
| Progressive Scan CMOS                                               | Type of Sensor:             |
| Global                                                              | Shutter Type:               |
| 12 bit                                                              | Pixel Depth:                |
| 0.023ms - 2000ms                                                    | Exposure Time:              |
| 70.00                                                               | Dynamic Range (dB):         |
| GigE Vision                                                         | Machine Vision Standard:    |
| Electrical                                                          |                             |
| 1.6 - 4.2                                                           | Power Consumption (W):      |
| Hardware & Interface Connectivity                                   |                             |
| GigE (PoE)                                                          | Interface:                  |
| GigE RJ45, screwable                                                | Connector:                  |
| Power over Ethernet (PoE) or 12 - 24VDC via GPIO with #16-016       | 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 Hirose connector (HR25-7TR-8PA(73))                           | GPIO Connector Type:        |
| Threading & Mounting                                                |                             |
| C-Mount                                                             | Mount:                      |
| 1/4-20 with Tripod Mount Adapter #35-088                            | Mounting Threads:           |
| Environmental & Durability Factors                                  |                             |
| 0 to +55                                                            | Operating Temperature (°C): |
| -20 to +60                                                          | 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 251:                  |

## Product Details

- Standard (SE) and Compact (CP) Housing Options Available
- C-Mount with Large Format CMOS Sensors up to 1.1"
- GenICam GigE Vision Compliant
- [IDS Imaging uEye CP/XCP/SE USB3 Cameras](#) Available

IDS Imaging uEye CP/SE GigE Cameras utilize IDS Imaging's [peak SDK platform](#) that supports GenICam and GigE Vision standards for ease of software development and integration. The CP cameras are the industry standard size of 29 x 29 x 29mm and work for almost any application. The SE cameras have a larger housing size of 34 x 44 x 47mm to allow for exceptional heat management and are ideal for noise and heat sensitive applications. IDS Imaging uEye CP/SE GigE Cameras feature a screwable 8-pin Hirose connector for trigger and flash as well as two GPIOs. These cameras are ideal for a variety of applications such as automation, automotive, medical technology, and logistics.