

# IDS GV-51N0CP-C-HQ, GigE, 1.1" Color Camera

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IDS Imaging uEye+ GigE Cameras



Stock **#78-102** 1 In Stock

-

1

+

S\$2,576<sup>00</sup>

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## SPECIFICATIONS

### General

Type:  
Color Camera

Model Number:

|                                                                               |                             |
|-------------------------------------------------------------------------------|-----------------------------|
| GV-51N0CP-C-HQ                                                                |                             |
| IDS Imaging Development Systems                                               | Manufacturer:               |
| uEye+ CP                                                                      | Camera Series:              |
| Color                                                                         | Spectrum:                   |
| Physical & Mechanical Properties                                              |                             |
| 29 x 29 x 29 (excludes connectors and lens mount)                             | Dimensions (mm):            |
| 53                                                                            | Weight (g):                 |
| Full                                                                          | Housing:                    |
| Sensor                                                                        |                             |
| 128MB                                                                         | Image Buffer:               |
| 1.1"                                                                          | Sensor Format:              |
| 16.20                                                                         | Resolution (Megapixels):    |
| 8.00                                                                          | Frame Rate (fps):           |
| 5,328 x 3,040                                                                 | Pixels (H x V):             |
| 2.74 x 2.74                                                                   | Pixel Size, H x V (µm):     |
| 14.599 x 8.33                                                                 | Sensing Area, H x V (mm):   |
| Sony IMX542                                                                   | 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                                                                    |                             |
| 1.9 - 5                                                                       | Power Consumption (W):      |
| Hardware & Interface Connectivity                                             |                             |
| GigE (PoE)                                                                    | Interface:                  |
| GigE RJ45, screwable                                                          | Connector:                  |
| Power over Ethernet (PoE) or 12 - 24VDC via GPIO with <a href="#">#16-016</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 Hirose connector (HR25-7TR-8PA(73))                                     | GPIO Connector Type:        |
| Threading & Mounting                                                          |                             |
| C-Mount                                                                       | Mount:                      |
| 1/4-20 with Tripod Mount Adapter <a href="#">#35-088</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

- 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.