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# IDS GV-50C0CP-C-HQ, GigE, 1/2.3" Color Camera

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IDS Imaging uEye+ GigE Cameras



+1

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-

1

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₹47,500

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| Color          |  | Spectrum:     |
| General        |  |               |
| Color Camera   |  | Type:         |
| GV-50C0CP-C-HQ |  | Model Number: |
|                |  | Manufacturer: |

|                                                                                                |                             |
|------------------------------------------------------------------------------------------------|-----------------------------|
| IDS Imaging Development Systems                                                                |                             |
| uEye+ CP                                                                                       | Camera Series:              |
| Physical & Mechanical Properties                                                               |                             |
| Dimensions (mm):<br>29 x29 x29 (excludes connectors and lens mount)                            |                             |
| 58                                                                                             | Weight (g):                 |
| Housing:<br>Full                                                                               |                             |
| Sensor                                                                                         |                             |
| 128MB                                                                                          | Image Buffer:               |
| 1/2.3"                                                                                         | Sensor Format:              |
| 2.35                                                                                           | Resolution (Megapixels):    |
| 52.00                                                                                          | Frame Rate (fps):           |
| 1,936 x 1,216                                                                                  | Pixels (H x V):             |
| 3.45 x 3.45                                                                                    | Pixel Size, H x V (µm):     |
| 6.679 x 4.195                                                                                  | Sensing Area, H x V (mm):   |
| Sony IMX392                                                                                    | Imaging Sensor:             |
| Progressive Scan CMOS                                                                          | Type of Sensor:             |
| Global                                                                                         | Shutter Type:               |
| 12 bit                                                                                         | Pixel Depth:                |
| 0.025ms - 2000ms                                                                               | Exposure Time:              |
| 71.00                                                                                          | Dynamic Range (dB):         |
| GigE Vision                                                                                    | Machine Vision Standard:    |
| Electrical                                                                                     |                             |
| 1.7 - 4.1                                                                                      | Power Consumption (W):      |
| Hardware & Interface Connectivity                                                              |                             |
| GigE (PoE)                                                                                     | Interface:                  |
| GigE RJ45, screwable                                                                           | Connector:                  |
| Power Supply:<br>Power over Ethernet (PoE) or 12 - 24VDC via GPIO with <a href="#">#16-016</a> |                             |
| GPIOs:<br>2 Flash Output, 2 Trigger Input, 2 GPIO, 1 Voltage Output, 1 Ground                  |                             |
| Synchronization:<br>Hardware Trigger (GPIO); Software Trigger                                  |                             |
| Back Panel                                                                                     | Interface Port Orientation: |
| GPIO Connector Type:<br>8-pin Hirose connector (HR25-7TR-8PA(73))                              |                             |
| 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="#">Exempt</a>              | RoHS 2015:                  |
| <a href="#">View</a>                | Certificate of Conformance: |
|                                     |                             |
| <a href="#">Contains SVHC(s)</a>    | REACH 241:                  |
|                                     |                             |
| Germany                             | Country of Origin:          |
|                                     |                             |
| Edmund Optics India Private Limited | Imported By:                |
|                                     |                             |

## 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.