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# IDS GV-5250CP-C-HQ, GigE, 1/1.8" Color Camera

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IDS Imaging uEye+ GigE Cameras



Stock #26-233 **1 In Stock**

⊖ 1 ⊕ MRP ₹72,747

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## Product Downloads

**Spectrum:**  
Color

## General

**Type:**  
Color Camera

**Model Number:**  
GV-5250CP-C-HQ

**Manufacturer:**  
IDS Imaging Development Systems

**Camera Series:**  
uEye+ CP

## Physical & Mechanical Properties

**Dimensions (mm):**  
29 x 29 x 29 (excludes connectors and lens mount)

**Weight (g):**  
51

**Housing:**  
Full

## Sensor

**Image Buffer:**  
128MB

**Sensor Format:**  
1/1.8"

**Resolution (Megapixels):**  
1.90

**Frame Rate (fps):**  
52.00

**Pixels (H x V):**  
1,600 x 1,200

**Pixel Size, H x V (µm):**  
4.50 x 4.50

**Sensing Area, H x V (mm):**  
7.2 x 5.4

**Imaging Sensor:**  
e2v EV76C570

**Type of Sensor:**  
Progressive Scan CMOS

**Shutter Type:**  
Rolling / Global / Global Start

**Pixel Depth:**  
10 bit

**Exposure Time:**  
0.02ms - 181ms

**Dynamic Range (dB):**  
66.00

**Machine Vision Standard:**  
GigE Vision

## Electrical

**Power Consumption (W):**  
1.7 - 2.5

## Hardware & Interface Connectivity

**Interface:**  
GigE (PoE)

**Connector:**  
GigE RJ45, screwable

**Power Supply:**  
Power over Ethernet (PoE) or 12 - 24VDC via GPIO with [#16-016](#)

**GPIOs:**  
2 Flash Output, 2 Trigger Input, 2 GPIO, 1 Voltage Output, 1 Ground

**Synchronization:**  
Hardware Trigger (GPIO); Software Trigger

**Interface Port Orientation:**  
Back Panel

**GPIO Connector Type:**  
8-pin Hirose connector (HR25-7TR-8PA(73))

## Threading & Mounting

**Mount:**  
C-Mount

**Mounting Threads:**  
1/4-20 with Tripod Mount Adapter [#35-088](#)

## Environmental & Durability Factors

**Operating Temperature (°C):**  
0 to +55

**Storage Temperature (°C):**

## Regulatory Compliance

[Exempt](#) **RoHS 2015:**

[View](#) **Certificate of Conformance:**

[Contains SVHC\(s\)](#) **REACH 241:**

**Country of Origin:**  
Germany

**Imported By:**  
Edmund Optics India Private Limited  
267, Greystone Building, Second Floor,  
6th Cross Rd, Binnamangala,  
Stage 1, Indiranagar, Bengaluru,  
Karnataka, India 560038  
Phone: +91- 80-6845 0000

## 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.