

IDS GV-5990CP-M-GL, GigE, 1.1" Monochrome Camera

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IDS Imaging uEye+ GigE Cameras



Stock #78-099 **1 In Stock**

⊖ 1 ⊕ £1,734⁰⁰

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SPECIFICATIONS

General

Monochrome Camera **Type:**

GV-5990CP-M-GL	Model Number:
IDS Imaging Development Systems	Manufacturer:
uEye+ CP	Camera Series:
Monochrome	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:
20.36	Resolution (Megapixels):
5.50	Frame Rate (fps):
4,512 x 4,512	Pixels (H x V):
2.74 x 2.74	Pixel Size, H x V (µm):
12.363 x 12.363	Sensing Area, H x V (mm):
Sony IMX541	Imaging Sensor:
Progressive Scan CMOS	Type of Sensor:
Global	Shutter Type:
12 bit	Pixel Depth:
0.046ms - 2000ms	Exposure Time:
70.00	Dynamic Range (dB):
GigE Vision	Machine Vision Standard:

Electrical

2.3 - 5.1	Power Consumption (W):
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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-Mbunt	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

[View](#) **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.
