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IDS GV-5250SE-M-GL, GigE, 1/1.8" Monochrome Camera

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IDS Imaging uEye+ GigE Cameras

+1

Stock **#26-264** **1 In Stock**

- 1 + **€855**.00

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Product Downloads

Spectrum:
Monochrome

General

Type:
Monochrome Camera

Model Number:
GV-5250SE-M-GL

Manufacturer:
IDS Imaging Development Systems

Camera Series:
uEye+ SE

Physical & Mechanical Properties

Dimensions (mm):
34 x 44 x 47 (excludes connectors and lens mount)

Weight (g):
107

Housing:
Full

Sensor

Image Buffer:
128MB

Sensor Format:
1/1.8"

Resolution (Megapixels):
1.92

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 - 2.4

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:
¼-20 with Tripod Mount Adapter **#16-017**

Environmental & Durability Factors

Operating Temperature (°C):
0 to +55

Storage Temperature (°C):
-20 to +60

Regulatory Compliance

RoHS 2015:

Exempt

Certificate of Conformance:

View

REACH 241:

Contains SVHC(s)

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.

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