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

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IDS Imaging uEye+ FA IP65/67 PoE Cameras (Front)

Stock **#26-318** **1 In Stock**

- 1 + **C$3,598**.00

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Spectrum:
Monochrome

General

Type:
Monochrome Camera

Model Number:
GV-5990FA-M-GL

Manufacturer:

IDS Imaging Development Systems

Camera Series:
uEye+ FA

Physical & Mechanical Properties

Dimensions (mm):
41 x 53 x 42.7 (excludes connectors and lens mount)

Weight (g):
173

Housing:
Full

Sensor

Image Buffer:
128MB

Sensor Format:
1.1"

Resolution (Megapixels):
20.36

Frame Rate (fps):
5.50

Pixels (H x V):
4,512 x 4,512

Pixel Size, H x V (µm):
2.74 x 2.74

Sensing Area, H x V (mm):
12.363 x 12.363

Imaging Sensor:
Sony IMX541

Type of Sensor:
Progressive Scan CMOS

Shutter Type:
Global

Pixel Depth:
12 bit

Exposure Time:
0.013ms - 2000ms

Dynamic Range (dB):
70.00

Machine Vision Standard:
GigE Vision

Electrical

Power Consumption (W):
1.9 - 4.5

Hardware & Interface Connectivity

Interface:
GigE (PoE)

Connector:
GigE M12, screwable

Power Supply:
Power over Ethernet (PoE) or 12 - 24VDC via GPIO with **#19-692**

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 Binder connector (Binder series 712: 09-0427-020-08)

Threading & Mounting

Mount:
C-Mount

Mounting Threads:
¼-20 with Tripod Mount Adapter **#19-694**

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

- Designed for Harsh Environments
- Robust IP65/67 Housing for Dust and Washdown Protection
- Compatible with **TECHSPEC® Cw Series Lenses**
- IP65/67 Rated Accessories and Illumination Also Available

IDS Imaging uEye+ FA IP65/67 PoE Cameras feature robust IP65/67 rated housings to withstand harsh industrial environments, providing protection against dirt, dust, and water. These cameras provide plug-and-play functionality and require no additional enclosures when paired with **TECHSPEC® Cw Series Lenses**. Featuring IP65/67 rated accessories, these cameras utilize IDS Imaging's latest Peak SDK platform that supports GenICam and GigE Vision standards, simplifying system integration and software development. IDS Imaging uEye+ FA IP65/67 PoE Cameras are ideal for a wide variety of demanding applications requiring washdown and dust resistance including factory automation, medical technology, and machine vision.

Calibration Services

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