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

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IDS Imaging uEye+ FAIP65/67 PoE Cameras (Front)



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

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1

+

\$3,598⁰⁰

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Monochrome		Spectrum:
General		
Monochrome Camera		Type:
GV-5990FA-M-GL		Model Number:
		Manufacturer:

IDS Imaging Development Systems	
uEye+ FA	Camera Series:
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: 1/4-20 with Tripod Mount Adapter #19-694	
Environmental & Durability Factors	
Operating Temperature (°C): 0 to +55	
Storage Temperature (°C): -20 to +60	

Regulatory Compliance	
Exempt	RoHS 2015:
View	Certificate of Conformance:
Contains SVHC(s)	REACH 241:

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.