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IDS GV-51A0FA-C-HQ, GigE, 1/1.7" Color Camera

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



Stock **#78-089** 1 In Stock

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1

+

C\$1,036⁰⁰

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Color		Spectrum:
General		
Color Camera		Type:
GV-51A0FA-C-HQ		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): 174	
Housing: Full	
Sensor	
Image Buffer: 128MB	
Sensor Format: 1/1.7"	
Resolution (Megapixels): 0.51	
Frame Rate (fps): 225.00	
Pixels (H x V): 816 x 624	
Pixel Size, H x V (µm): 9.00 x 9.00	
Sensing Area, H x V (mm): 7.344 x 5.616	
Imaging Sensor: Sony IMX426	
Type of Sensor: Progressive Scan CMOS	
Shutter Type: Global	
Pixel Depth: 12 bit	
Exposure Time: 0.031ms - 2000ms	
Dynamic Range (dB): Not Specified	
Machine Vision Standard: GigE Vision	
Electrical	
Power Consumption (W): 1.8 - 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 Power Supply, 1 Ground	
Synchronization: Hardware Trigger (GPIO), Software Trigger, or PTP (IEEE 1588)	
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 251:

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