

IDS GV-51N0FA-C-HQ, GigE, 1.1" Color Camera

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



Stock **#78-087** NEW 10 TO 12 DAYS

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₹1,81,000

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SPECIFICATIONS

General

Color Camera

Type:

Manufacturer: IDS Imaging Development Systems	
Camera Family: uEye+ FA	
Model Number: GV-51N0FA-C-HQ	
Physical & Mechanical Properties	
Dimensions (mm): 41 x 53 x 42.7 (excludes connectors and lens mount)	
Weight (g): 175	
Housing: Full	
Sensor	
Image Buffer: 128	
Imaging Sensor: Sony IMX542	
Type of Sensor: Progressive Scan CMOS	
Type of Shutter: Global	
Camera Sensor Format: 1.1"	
Resolution (MegaPixels): 16.20	
Pixels (H x V): 5,328 x 3,040	
Pixel Size, H x V (µm): 2.74 x 2.74	
Sensing Area, H x V (mm): 14.599 x 8.33	
Frame Rate (fps): 8.00	
Pixel Depth: 12 bit	
Exposure Time: 0.015ms - 2000ms	
Dynamic Range (dB): 70.00	
Machine Vision Standard: GigE Vision	
Electrical	
Power Consumption (W): 1.8 - 5	
Hardware & Interface Connectivity	
Video Output: 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	
Mounting Threads: 1/4-20 with Tripod Mount Adapter #19-694	
Mount: C-Mbunt	
Environmental & Durability Factors	

Operating Temperature (°C):	
0 to +55	
Storage Temperature (°C):	
-20 to +60	

Regulatory Compliance

RoHS:	
Compliant	
Certificate of Conformance:	
View	

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.