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Teledyne FLIR IIS Blackfly® GigE Cameras See More by [Teledyne FLIR](#)



- Ultra-Compact Design
- Power over Ethernet (PoE) for Maximum Flexibility
- Includes Image Capture Software and FlyCapture2 SDK
- [USB3](#) Versions Also Available



Teledyne
Authorized
Distributor

Common Specifications

General

Manufacturer:	FLIR	Camera Series:	Blackfly®
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Physical & Mechanical Properties

Dimensions (mm):	29 x 29 x 30 (excludes connectors and lens mount)	Housing:	Full
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Sensor

Image Buffer:	16MB	Type of Sensor:	Progressive Scan CMOS
Shutter Type:	Global	Machine Vision Standard:	GigE Vision v1.2

Hardware & Interface Connectivity

Interface:	GigE (PoE)	Connector:	GigE, RJ45 with Screw Locks
Power Supply:	Power Supply Required and Sold Separately: USA: #88-063 Europe: #88-063 Japan: #88-063 Korea: Not Available China: #88-063	GPIOs:	1 opto-isolated input, 1 opto-isolated output
Synchronization:	Hardware Trigger (GPIO) or Software Trigger	Interface Port Orientation:	Back Panel
GPIO Connector Type:	6-pin Hirose (HR10)		

Threading & Mounting

Mounting Threads:	¼-20 with Tripod Mount Adapter #88-210
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Environmental & Durability Factors

Operating Temperature (°C):	0 to +45	Storage Temperature (°C):	-30 to +60
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Technical Information

Products

Type	Model Number	Sensor Format	Resolution (Megapixels)	Connector	Mount	Stock Number	Price	Buy
Monochrome Camera	BFLY-PGE-23S6M-C	1/1.2"	2.30	GigE, RJ45 with Screw Locks	C-Mount	#33-180	C\$833.00	9 In Stock
Color Camera	BFLY-PGE-23S6C-C	1/1.2"	2.30	GigE, RJ45 with Screw Locks	C-Mount	#33-181	C\$1,032.92	Contact Us
Monochrome Camera	BFLY-PGE-12A2M-CS	1/3"	1.20	GigE, RJ45 with Screw Locks	CS-Mount	#89-533	C\$497.00	Contact Us
Color Camera	BFLY-PGE-12A2C-CS	1/3"	1.20	GigE, RJ45 with Screw Locks	CS-Mount	#89-534	C\$497.00	Contact Us
Monochrome Camera	BFLY-PGE-13E4M-CS	1/1.8"	1.30	GigE, RJ45 with Screw Locks	CS-Mount	#88-043	C\$843.70	1 In Stock
Color Camera	BFLY-PGE-13E4C-CS	1/1.8"	1.30	GigE, RJ45 with Screw Locks	CS-Mount	#88-044	C\$843.70	1 In Stock
Monochrome Camera	BFLY-PGE-20E4M-CS	1/1.8"	2.00	GigE, RJ45 with Screw Locks	CS-Mount	#89-997	C\$1,102.36	3 In Stock
Color Camera	BFLY-PGE-20E4C-CS	1/1.8"	2.00	GigE, RJ45 with Screw Locks	CS-Mount	#89-998	C\$1,102.36	1 In Stock
Monochrome Camera	BFLY-PGE-31S4M-C	1/1.8"	3.20	GigE, RJ45 with Screw Locks	C-Mount	#34-511	C\$791.00	Contact Us
Color Camera	BFLY-PGE-31S4C-C	1/1.8"	3.20	GigE, RJ45 with Screw Locks	C-Mount	#34-510	C\$980.84	3 In Stock
Monochrome Camera	BFLY-PGE-50S5M-C	2/3"	5.00	GigE, RJ45 with Screw Locks	C-Mount	#34-513	C\$1,288.00	Contact Us

Color Camera	BFLY- PGE- 50S5C- C	2/3"	5.00	GigE, RJ45 with Screw Locks	C- Mount	#34-512	C\$1,597.12	5 In Stock
Monochrome Camera	BFLY- PGE- 50S5M- CS	2/3"	5.00	GigE, RJ45 with Screw Locks	CS- Mount	#22-073	C\$1,597.12	1 In Stock



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