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Teledyne FLIR IIS Blackfly S GigE Cameras

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- PoE (Power over Ethernet)
- GigE Vision and GenlCam Compliant
- Ultra Compact Form Factor
- Extensive API Library and Included Spinnaker SDK



Common Specifications

General

Manufacturer: FLIR

Physical & Mechanical Properties

Housing: Full

Sensor

Image Buffer: 240MB

Type of Sensor: Progressive Scan CMOS

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 if not using PoE:
USA: [#88-063](#)
Europe: [#88-063](#)
Japan: [#88-063](#)
Korea: Not Available
China: Not Available

GPIOs: 1 opto-isolated input, 1 opto-isolated output, 1 non-isolated bi-directional, 1 non-isolated input

Synchronization:

Hardware Trigger (GPIO) or Software Trigger

Interface Port Orientation: Back Panel

GPIO Connector Type:

6-pin Hirose (HR10)

Environmental & Durability Factors

Operating Temperature (°C): 0 to +50

Storage Temperature (°C): -30 to +60

Technical Information

Products

Type	Model Number	Sensor Format	Resolution (Megapixels)	Connector	Mount	Stock Number	Price	Buy
Color Camera	BFS-PGE-04S2C-CS	1/2.9"	0.40	GigE, RJ45 with Screw Locks	CS-Mount	#11-524	₹36,100	Contact Us
Monochrome Camera	BFS-PGE-04S2M-CS	1/2.9"	0.40	GigE, RJ45 with Screw Locks	CS-Mount	#11-523	₹36,100	Contact Us
Color Camera	BFS-PGE-13Y3C-C	1/2"	1.30	GigE, RJ45 with Screw Locks	C-Mount	#36-559	₹41,500	Contact Us
Monochrome Camera	BFS-PGE-13Y3M-C	1/2"	1.30	GigE, RJ45 with Screw Locks	C-Mount	#36-558	₹41,500	1 In Stock
Monochrome Camera	BFS-PGE-14Y3M-C	1/2"	1.30	GigE, RJ45 with Screw Locks	C-Mount	#22-074	₹48,000	1 In Stock
Color Camera	BFS-PGE-16S2C-CS	1/2.9"	1.60	GigE, RJ45 with Screw Locks	CS-Mount	#11-526	₹37,100	1 In Stock
Monochrome Camera	BFS-PGE-16S2M-CS	1/2.9"	1.60	GigE, RJ45 with Screw Locks	CS-Mount	#11-525	₹37,100	Contact Us
Color Camera	BFS-PGE-16S7C-C	1.1"	1.70	GigE, RJ45 with Screw Locks	C-Mount	#22-075	₹1,31,000	2 In Stock
Monochrome Camera	BFS-PGE-16S7M-C	1.1"	1.70	GigE, RJ45 with Screw Locks	C-Mount	#22-076	₹1,31,000	1 In Stock
Color Camera	BFS-PGE-19S4C-C	1/1.7"	2.00	GigE, RJ45 with Screw Locks	C-Mount	#22-077	₹65,500	1 In Stock
Monochrome Camera	BFS-PGE-19S4M-C	1/1.7"	2.00	GigE, RJ45 with Screw Locks	C-Mount	#22-078	₹65,500	2 In Stock
Color Camera	BFS-PGE-23S3C-CS	1/2.3"	2.30	GigE, RJ45 with Screw Locks	CS-Mount	#22-079	₹42,100	1 In Stock

Color Camera	BFS-PGE-23S3C-C	1/2.3"	2.30	GigE, RJ45 with Screw Locks	C-Mount	#12-754	₹42,100	Contact Us
Monochrome Camera	BFS-PGE-23S3M-C	1/2.3"	2.30	GigE, RJ45 with Screw Locks	C-Mount	#12-753	₹42,100	2 In Stock
Color Camera	BFS-PGE-27S5C-C	2/3"	2.80	GigE, RJ45 with Screw Locks	C-Mount	#13-921	₹71,500	3 In Stock
Monochrome Camera	BFS-PGE-27S5M-C	2/3"	2.80	GigE, RJ45 with Screw Locks	C-Mount	#13-920	₹71,500	Contact Us
Color Camera	BFS-PGE-31S4C-C	1/1.8"	3.20	GigE, RJ45 with Screw Locks	C-Mount	#11-528	₹56,500	4 In Stock
Monochrome Camera	BFS-PGE-31S4M-C	1/1.8"	3.20	GigE, RJ45 with Screw Locks	C-Mount	#11-527	₹56,500	Contact Us
Color Camera	BFS-PGE-50S4C-C	1/1.8"	5.00	GigE, RJ45 with Screw Locks	C-Mount	#22-080	₹74,000	1 In Stock
Monochrome Camera	BFS-PGE-50S4M-C	1/1.8"	5.00	GigE, RJ45 with Screw Locks	C-Mount	#22-081	₹74,000	3 In Stock
Color Camera	BFS-PGE-50S5C-C	2/3"	5.00	GigE, RJ45 with Screw Locks	C-Mount	#36-561	₹88,000	5 In Stock
Monochrome Camera	BFS-PGE-50S5M-C	2/3"	5.00	GigE, RJ45 with Screw Locks	C-Mount	#36-560	₹88,000	4 In Stock
Polarized Color Camera	BFS-PGE-51S5PC-C	2/3"	5.00	GigE, RJ45 with Screw Locks	C-Mount	#13-929	₹2,40,000	Contact Us
Polarized Monochrome Camera	BFS-PGE-51S5P-C	2/3"	5.00	GigE, RJ45 with Screw Locks	C-Mount	#12-794	₹2,40,000	2 In Stock
Color Camera	BFS-PGE-63S4C-C	1/1.8"	6.30	GigE, RJ45 with Screw Locks	C-Mount	#12-756	₹41,400	2 In Stock
Monochrome Camera	BFS-PGE-63S4M-C	1/1.8"	6.30	GigE, RJ45 with Screw Locks	C-Mount	#12-755	₹41,400	3 In Stock

Color Camera	BFS-PGE-70S7C-C	1.1"	7.10	GigE, RJ45 with Screw Locks	C-Mount	#13-923	₹2,15,000	Contact Us
Monochrome Camera	BFS-PGE-70S7M-C	1.1"	7.10	GigE, RJ45 with Screw Locks	C-Mount	#13-922	₹2,15,000	Contact Us
Color Camera	BFS-PGE-88S6C-C	1"	8.90	GigE, RJ45 with Screw Locks	C-Mount	#11-530	₹1,63,500	Contact Us
Monochrome Camera	BFS-PGE-88S6M-C	1"	8.90	GigE, RJ45 with Screw Locks	C-Mount	#11-529	₹1,63,500	1 In Stock
Color Camera	BFS-PGE-120S4C-CS	1/1.7"	12.00	GigE, RJ45 with Screw Locks	CS-Mount	#13-919	₹49,100	2 In Stock
Monochrome Camera	BFS-PGE-120S4M-CS	1/1.7"	12.00	GigE, RJ45 with Screw Locks	CS-Mount	#13-918	₹49,100	1 In Stock
Color Camera	BFS-PGE-122S6C-C	1.1"	12.30	GigE, RJ45 with Screw Locks	C-Mount	#11-532	₹2,02,000	2 In Stock
Monochrome Camera	BFS-PGE-122S6M-C	1.1"	12.30	GigE, RJ45 with Screw Locks	C-Mount	#11-531	₹2,02,000	2 In Stock
Polarized Monochrome Camera	BFS-PGE-123S6P-C	1.1"	12.30	GigE, RJ45 with Screw Locks	C-Mount	#22-082	₹4,64,000	2 In Stock

[#91-237 New](#)



New

Monochrome Camera	BFS-PGE-161S7M-C	1.1"	16.10	GigE, RJ45 with Screw Locks	C-Mount	Launched on our website before appearing in our latest print catalogs. Be the first to buy before anyone else!	₹1,33,110	1 In Stock
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[#91-238 New](#)



New

Color Camera	BFS-PGE-161S7C-C	1.1"	16.10	GigE, RJ45 with Screw Locks	C-Mount	Launched on our website before appearing in our latest print catalogs. Be the first to buy before anyone else!	₹1,33,110	1 In Stock
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[#11-534](#)



New

Color Camera	BFS-PGE-200S6C-C	1"	20.00	GigE, RJ45 with Screw Locks	C-Mount	#11-534	₹70,000	20+ In Stock
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[#11-533](#)



New

Monochrome Camera	BFS-PGE-200S6M-C	1"	20.00	GigE, RJ45 with Screw Locks	C-Mount	#11-533	₹70,000	Contact Us
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[#78-548 New](#)



New

Color Camera	BFS-PGE-200S7C-C	1.1"	20.00	GigE, RJ45 with Screw Locks	C-Mount	Launched on our website before appearing in our latest print catalogs. Be the first to buy before anyone else!	₹1,95,000	1 In Stock
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New

Monochrome Camera	BFS-PGE-200S7M-C	1.1"	20.00	GigE, RJ45 with Screw Locks	C-Mount	Launched on our website before appearing in our latest print catalogs. Be the first to buy before anyone else!	₹1,95,000	1 In Stock
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Color Camera	BFS-PGE-244S8C-C	4/3"	24.50	GigE, RJ45 with Screw Locks	C-Mount	#22-083	₹2,22,500	1 In Stock
Monochrome Camera	BFS-PGE-244S8M-C	4/3"	24.50	GigE, RJ45 with Screw Locks	C-Mount	#22-084	₹2,22,500	5 In Stock



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