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Teledyne FLIR IIS Blackfly S USB 3.1 Cameras See More by [Teledyne FLIR](#)



- Ultra-Compact Design
- USB3 Vision and GenICam Compliant
- Includes Image Capture Software and Spinnaker SDK



Common Specifications

General			
Manufacturer: FLIR		Camera Series: Blackfly® S	
Physical & Mechanical Properties			
Housing: Full			
Sensor			
Image Buffer: 240MB			
Type of Sensor: Progressive Scan CMOS		Machine Vision Standard: USB3 Vision v1.0	
Hardware & Interface Connectivity			
Power Supply: Power over USB or via GPIO with #88-063		Synchronization: Hardware Trigger (GPIO) or Software Trigger	
Interface Port Orientation: Back Panel		GPIO Connector Type: 6-pin Hirose (HR10)	
Environmental & Durability Factors			
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-U3-17S7C-C	1.1"	1.70	USB 3.1 Gen 1, Micro-B with Screw Locks	C-Mount	#15-837	₹1,74,500	2 In Stock
Monochrome Camera	BFS-U3-17S7M-C	1.1"	1.70	USB 3.1 Gen 1, Micro-B with Screw Locks	C-Mount	#15-836	₹1,74,500	Contact Us
Color Camera	BFS-U3-04S2C-CS	1/2.9"	0.40	USB 3.1 Gen 1, Micro-B with Screw Locks	CS-Mount	#11-506	₹36,100	7 In Stock
Color Camera	BFS-U3-04S2C-C	1/2.9"	0.40	USB 3.1 Gen 1, Micro-B with Screw Locks	C-Mount	#22-085	₹36,100	3 In Stock
Monochrome Camera	BFS-U3-04S2M-CS	1/2.9"	0.40	USB 3.1 Gen 1, Micro-B with Screw Locks	CS-Mount	#11-505	₹36,100	Contact Us
Monochrome Camera	BFS-U3-04S2M-C	1/2.9"	0.40	USB 3.1 Gen 1, Micro-B with Screw Locks	C-Mount	#22-086	₹36,100	Contact Us
Color Camera	BFS-U3-13Y3C-C	1/2"	1.30	USB 3.1 Gen 1, Micro-B with Screw Locks	C-Mount	#36-452	₹48,000	2 In Stock
Monochrome Camera	BFS-U3-13Y3M-C	1/2"	1.30	USB 3.1 Gen 1, Micro-B with Screw Locks	C-Mount	#36-451	₹48,000	5 In Stock
Color Camera	BFS-U3-16S2C-CS	1/2.9"	1.60	USB 3.1 Gen 1, Micro-B with Screw Locks	CS-Mount	#11-508	₹37,100	Contact Us
Monochrome Camera	BFS-U3-16S2M-CS	1/2.9"	1.60	USB 3.1 Gen 1, Micro-B with Screw Locks	CS-Mount	#11-507	₹37,100	3 In Stock

Color Camera	BFS-U3-16S7C-C	1.1"	1.70	USB 3.1 Gen 1, Micro-B with Screw Locks	C-Mount	#22-087	₹1,31,000	1 In Stock
Monochrome Camera	BFS-U3-16S7M-C	1.1"	1.70	USB 3.1 Gen 1, Micro-B with Screw Locks	C-Mount	#22-088	₹1,31,000	Contact Us
Color Camera	BFS-U3-19S4C-C	1/1.7"	2.00	USB 3.1 Gen 1, Micro-B with Screw Locks	C-Mount	#22-089	₹65,500	3 In Stock
Monochrome Camera	BFS-U3-19S4M-C	1/1.7"	2.00	USB 3.1 Gen 1, Micro-B with Screw Locks	C-Mount	#22-090	₹65,500	2 In Stock
Color Camera	BFS-U3-20S4C-C	1/1.7"	2.00	USB 3.1 Gen 1, Micro-B with Screw Locks	C-Mount	#22-091	₹91,000	1 In Stock
Monochrome Camera	BFS-U3-20S4M-C	1/1.7"	2.00	USB 3.1 Gen 1, Micro-B with Screw Locks	C-Mount	#22-092	₹91,000	Contact Us
Color Camera	BFS-U3-23S3C-C	1/2.3"	2.30	USB 3.1 Gen 1, Micro-B with Screw Locks	C-Mount	#12-748	₹42,100	4 In Stock
Monochrome Camera	BFS-U3-23S3M-C	1/2.3"	2.30	USB 3.1 Gen 1, Micro-B with Screw Locks	C-Mount	#12-747	₹42,100	Contact Us
Color Camera	BFS-U3-27S5C-C	2/3"	2.80	USB 3.1 Gen 1, Micro-B with Screw Locks	C-Mount	#22-093	₹71,500	Contact Us
Monochrome Camera	BFS-U3-27S5M-C	2/3"	2.80	USB 3.1 Gen 1, Micro-B with Screw Locks	C-Mount	#22-094	₹71,500	Contact Us
Color Camera	BFS-U3-28S5C-C	2/3"	2.80	USB 3.1 Gen 1, Micro-B with Screw Locks	C-Mount	#13-925	₹98,000	Contact Us

Monochrome Camera	BFS-U3-28S5M-C	2/3"	2.80	USB 3.1 Gen 1, Micro-B with Screw Locks	C-Mount	#13-924	₹98,000	1 In Stock
Color Camera	BFS-U3-31S4C-C	1/1.8"	3.10	USB 3.1 Gen 1, Micro-B with Screw Locks	C-Mount	#12-750	₹56,500	3 In Stock
Monochrome Camera	BFS-U3-31S4M-C	1/1.8"	3.10	USB 3.1 Gen 1, Micro-B with Screw Locks	C-Mount	#12-749	₹56,500	Contact Us
Color Camera	BFS-U3-32S4C-C	1/1.8"	3.20	USB 3.1 Gen 1, Micro-B with Screw Locks	C-Mount	#36-454	₹90,500	1 In Stock
Monochrome Camera	BFS-U3-32S4M-C	1/1.8"	3.20	USB 3.1 Gen 1, Micro-B with Screw Locks	C-Mount	#36-453	₹90,500	Contact Us
Color Camera	BFS-U3-50S4C-C	1/1.8"	5.00	USB 3.1 Gen 1, Micro-B with Screw Locks	C-Mount	#22-765	₹74,000	1 In Stock
Monochrome Camera	BFS-U3-50S4M-C	1/1.8"	5.00	USB 3.1 Gen 1, Micro-B with Screw Locks	C-Mount	#22-766	₹74,000	2 In Stock
Color Camera	BFS-U3-51S5C-C	2/3"	5.00	USB 3.1 Gen 1, Micro-B with Screw Locks	C-Mount	#36-456	₹1,30,500	9 In Stock
Color Camera	BFS-U3-50S5C-C	2/3"	5.00	USB 3.1 Gen 1, Micro-B with Screw Locks	C-Mount	#12-752	₹88,000	Contact Us
Monochrome Camera	BFS-U3-51S5M-C	2/3"	5.00	USB 3.1 Gen 1, Micro-B with Screw Locks	C-Mount	#36-455	₹1,30,500	Contact Us
Polarized Color Camera	BFS-U3-51S5PC-C	2/3"	5.00	USB 3.1 Gen 1, Micro-B with Screw Locks	C-Mount	#13-928	₹2,40,000	Contact Us

Polarized Monochrome Camera	BFS-U3-51S5P-C	2/3"	5.00	USB 3.1 Gen 1, Micro-B with Screw Locks	C-Mount	#12-793	₹2,40,000	Contact Us
Monochrome Camera	BFS-U3-50S5M-C	2/3"	5.00	USB 3.1 Gen 1, Micro-B with Screw Locks	C-Mount	#12-751	₹88,000	Contact Us
Color Camera	BFS-U3-63S4C-C	1/1.8"	6.30	USB 3.1 Gen 1, Micro-B with Screw Locks	C-Mount	#11-510	₹41,400	1 In Stock
Monochrome Camera	BFS-U3-63S4M-C	1/1.8"	6.30	USB 3.1 Gen 1, Micro-B with Screw Locks	C-Mount	#11-509	₹41,400	Contact Us
Color Camera	BFS-U3-70S7C-C	1.1"	7.10	USB 3.1 Gen 1, Micro-B with Screw Locks	C-Mount	#13-927	₹2,15,000	2 In Stock
Monochrome Camera	BFS-U3-70S7M-C	1.1"	7.10	USB 3.1 Gen 1, Micro-B with Screw Locks	C-Mount	#13-926	₹2,15,000	2 In Stock
Color Camera	BFS-U3-88S6C-C	1"	8.90	USB 3.1 Gen 1, Micro-B with Screw Locks	C-Mount	#11-512	₹1,63,500	Contact Us
Color Camera	BFS-U3-89S6C-C	1"	8.90	USB 3.1 Gen 1, Micro-B with Screw Locks	C-Mount	#11-514	₹2,93,000	1 In Stock
Monochrome Camera	BFS-U3-88S6M-C	1"	8.90	USB 3.1 Gen 1, Micro-B with Screw Locks	C-Mount	#11-511	₹1,63,500	1 In Stock
Monochrome Camera	BFS-U3-89S6M-C	1"	8.90	USB 3.1 Gen 1, Micro-B with Screw Locks	C-Mount	#11-513	₹2,93,000	Contact Us
Color Camera	BFS-U3-120S4C-CS	1/1.7"	12.00	USB 3.1 Gen 1, Micro-B with Screw Locks	CS-Mount	#11-516	₹49,100	Contact Us

Monochrome Camera	BFS-U3-120S4M-CS	1/1.7"	12.00	USB 3.1 Gen 1, Micro-B with Screw Locks	CS-Mount	#11-515	₹49,100	2 In Stock
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#74-901 New								
								
New								
Color Camera	BFS-U3-120S6C-C	1/1.1"	12.30	USB 3.1 Gen 1, Micro-B with Screw Locks	C-Mount	Launched on our website before appearing in our latest print catalogs. Be the first to buy before anyone else!	₹1,23,975	Contact Us
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#74-902 New								
								
New								
Monochrome Camera	BFS-U3-120S6M-C	1/1.1"	12.30	USB 3.1 Gen 1, Micro-B with Screw Locks	C-Mount	Launched on our website before appearing in our latest print catalogs. Be the first to buy before anyone else!	₹1,23,975	1 In Stock
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Color Camera	BFS-U3-122S6C-C	1.1"	12.30	USB 3.1 Gen 1, Micro-B with Screw Locks	C-Mount	#11-518	₹1,42,500	2 In Stock
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Color Camera	BFS-U3-123S6C-C	1.1"	12.30	USB 3.1 Gen 1, Micro-B with Screw Locks	C-Mount	#11-520	₹3,27,000	1 In Stock

Monochrome Camera	BFS-U3-122S6M-C	1.1"	12.30	USB 3.1 Gen 1, Micro-B with Screw Locks	C-Mount	#11-517	₹1,42,500	1 In Stock
Monochrome Camera	BFS-U3-123S6M-C	1.1"	12.30	USB 3.1 Gen 1, Micro-B with Screw Locks	C-Mount	#11-519	₹3,27,000	1 In Stock
Color Camera	BFS-U3-161S7C-C	1.1"	16.10	USB 3.1 Gen 1	C-Mount	#26-119	₹1,53,000	2 In Stock
Monochrome Camera	BFS-U3-161S7M-C	1.1"	16.10	USB 3.1 Gen 1	C-Mount	#26-120	₹1,53,000	1 In Stock
Color Camera	BFS-U3-200S6C-C	1"	20.00	USB 3.1 Gen 1, Micro-B with Screw Locks	C-Mount	#11-522	₹70,000	3 In Stock
Monochrome Camera	BFS-U3-200S6M-C	1"	20.00	USB 3.1 Gen 1, Micro-B with Screw Locks	C-Mount	#11-521	₹70,000	3 In Stock
Color Camera	BFS-U3-200S7C-C	1.1"	20.00	USB 3.1 Gen 1	C-Mount	#26-121	₹1,95,000	1 In Stock
Monochrome Camera	BFS-U3-200S7M-C	1.1"	20.00	USB 3.1 Gen 1	C-Mount	#26-122	₹1,95,000	1 In Stock
#74-898 New								
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Color Camera	BFS-U3-23S6C-C	1/1.2"	2.30	USB 3.1 Gen 1, Micro-B with Screw Locks	C-Mount		₹50,460	Contact Us

[#74-899 New](#)



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Monochrome Camera	BFS-U3-23S6M-C	1/1.2"	2.30	USB 3.1 Gen 1, Micro-B with Screw Locks	C-Mount		₹50,460	1 In Stock
Color Camera	BFS-U3-244S8C-C	1.2"	24.50	USB 3.1 Gen 1, Micro-B with Screw Locks	C-Mount	#22-095	₹2,22,500	6 In Stock
Monochrome Camera	BFS-U3-244S8M-C	1.2"	24.50	USB 3.1 Gen 1, Micro-B with Screw Locks	C-Mount	#22-096	₹2,22,500	Contact Us



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