

[All Products](#) / [Cameras](#) / [USB Cameras](#) / [FLIR Blackfly® S USB 3.1 Cameras](#)

[See all 69 Products in Family](#)

BFS-U3-123S6M-C USB 3.1 Blackfly® S, Monochrome Camera

See More by [FLIR](#)



FLIR Blackfly® S USB3 Camera (front)



Stock **#11-519** 3-4 DAYS

[Similar Cameras](#)



1



£2,778.65

ADD TO CART

Qty 1+

£2,778.65

Volume Pricing

[Request Quote](#)

! Prices shown are exclusive of VAT/local taxes

Note: This item requires accessories for use | [Learn More](#)

Get Product Downloads

Video Output:

USB 3.1 Gen 1

Type:

Monochrome Camera

Manufacturer: FLIR
Mounting Threads: ¼-20 with Tripod Mount Adapter #88-210
Image Buffer: 240MB
Camera Family: Blackfly® S
Model Number: BFS-U3-123S6M-C
Imaging Sensor: Sony IMX253
Type of Sensor: Progressive Scan CMOS
Type of Shutter: Global
Camera Sensor Format: 1.1"
Resolution (MegaPixels): 12.30
Pixels (H x V): 4,096 x 3,000
Pixel Size, H x V (µm): 3.45 x 3.45
Sensing Area, H x V (mm): 14.13 x 10.35
Frame Rate (fps): 30.00
Pixel Depth: 10/12 bit
Exposure Time: 10µs - 30s
Connector: USB 3.1 Gen 1, Micro-B with Screw Locks
Power Supply: Power over USB or via GPIO with #88-063
Power Consumption (W): Not Specified
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
Dimensions (mm): 29 x 29 x 30 (excludes connectors and lens mount)
Weight (g): 36
Mount: C-Mount
Housing: Full
Interface Port Orientation: Back Panel
Dynamic Range (dB): 71.30
Operating Temperature (°C): 0 to +50
Storage Temperature (°C): -30 to +60
GPIO Connector Type: 6-pin Hirose (HR10)
Machine Vision Standard: USB3 Vision v1.0

Regulatory Compliance

RoHS 2015: Exempt
Reach 224: Contains SVHC(s)
Certificate of Conformance: View

