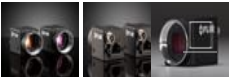


BFS-PGE-50S4M-C, PoE GigE Blackfly® S, Monochrome Camera

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FLIR® Blackfly® S PoE GigE Cameras



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1



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Video Output:
GigE (PoE)

Type:
Monochrome Camera

Manufacturer: FLIR
Mounting Threads: 1/4-20 with Tripod Mount Adapter #15-838
Image Buffer: 240MB
Camera Family: Blackfly® S
Model Number: BFS-PGE-50S4M-C
Imaging Sensor: Sony IMX547
Type of Sensor: Progressive Scan CMOS
Type of Shutter: Global
Camera Sensor Format: 1/1.8"
Resolution (MegaPixels): 5.00
Pixels (H x V): 2,448 x 2,048
Pixel Size, H x V (µm): 2.74 x 2.74
Sensing Area, H x V (mm): 6.70 x 5.61
Frame Rate (fps): 24.00
Pixel Depth: 8/10/12 bit
Exposure Time: 16µs to 30s
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: Not Available
Power Consumption (W): 3
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 39 (excludes connectors and lens mount)
Weight (g): 53
Mount: C-Mount
Housing: Full
Interface Port Orientation: Back Panel
Dynamic Range (dB): 70.14
Operating Temperature (°C): 0 to +50
Storage Temperature (°C): -30 to +60
GPIO Connector Type: 6-pin Hirose (HR10)
Machine Vision Standard: GigE Vision v1.2

Regulatory Compliance

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

