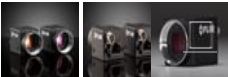


BFS-PGE-16S7C-C, PoE GigE Blackfly® S, Color Camera

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FLIR® Blackfly® S PoE GigE Cameras



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Video Output:
GigE (PoE)

Type:
Color 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-16S7C-C
Imaging Sensor: Sony IMX432
Type of Sensor: Progressive Scan CMOS
Type of Shutter: Global
Camera Sensor Format: 1.1"
Resolution (MegaPixels): 1.70
Pixels (H x V): 1,600 x 1,100
Pixel Size, H x V (µm): 9.0 x 9.0
Sensing Area, H x V (mm): 14.4 x 9.9
Frame Rate (fps): 69.00
Pixel Depth: 12 bit
Exposure Time: 14µs 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): 4.2
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): 71.43
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:

