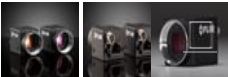


BFS-PGE-70S7C-C PoE GigE Blackfly® S, Color Camera

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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: ¼-20 with Tripod Mount Adapter #15-838
Image Buffer: 240MB
Camera Family: Blackfly® S
Model Number: BFS-PGE-70S7C-C
Imaging Sensor: Sony IMX428
Type of Sensor: Progressive Scan CMOS
Type of Shutter: Global
Camera Sensor Format: 1.1"
Resolution (MegaPixels): 7.10
Pixels (H x V): 3,208 x 2,200
Pixel Size, H x V (µm): 4.5 x 4.5
Sensing Area, H x V (mm): 14.44 x 9.9
Frame Rate (fps): 17.40
Pixel Depth: 12 bit
Exposure Time: 44µs - 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): 70.62 (HCG) / 71.90 (LCG)
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: Compliant
Certificate of Conformance: View