

Allied Vision Prosilica GT1920 2/3" Monochrome CCD Camera

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Video Output:
GigE (PoE)

Type:
Monochrome Camera

Manufacturer:
Allied Vision

Mounting Threads:
1/4-20 with Tripod Mount Adapter [#87-412](#)

Image Buffer:

128MB
Camera Family: Prosilica GT
Model Number: GT 1920 B
Imaging Sensor: Sony ICX674
Type of Sensor: Progressive Scan CCD
Type of Shutter: Global
Camera Sensor Format: 2/3"
Resolution (MegaPixels): 2.80
Pixels (H x V): 1,936 x 1,456
Pixel Size, H x V (µm): 4.54 x 4.54
Sensing Area, H x V (mm): 8.79 x 6.61
Frame Rate (fps): 40.00
Pixel Depth: 8/14 bit
Exposure Time: 10µs - 60s
Connector: GigE, RJ45 with Screw Locks
Power Supply: Power Supply Required and Sold Separately. USA: #15-281 Europe: #15-281 Japan: #15-281 China: #15-281
Power Consumption (W): 4.9 (12VDC External Power Supply) 6.0 (PoE)
GPIOs: 1 opto-isolated input, 2 opto-isolated outputs, 1 non-isolated input, 2 non-isolated outputs
Synchronization: Hardware Trigger (GPIO) or Software Trigger
Dimensions (mm): 76.2 x 53.3 x 33 (excludes connectors and lens mount)
Weight (g): 224
Mount: C-Mount
Housing: Full
Interface Port Orientation: Back Panel
Dynamic Range (dB): 64.5
Operating Temperature (°C): -20 to +65
Storage Temperature (°C): -20 to +70
GPIO Connector Type: 12-pin Hirose (HR10)
Machine Vision Standard: GigE Vision V1.2, GenICam SFNC V1.2.1

Regulatory Compliance

RoHS 2015: Compliant
Certificate of Conformance: View
Reach 235: Compliant