

Allied Vision Prosilica GT1600 1/1.8" 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 1600 B
Imaging Sensor: Sony ICX274
Type of Sensor: Progressive Scan CCD
Type of Shutter: Global
Camera Sensor Format: 1/1.8"
Resolution (MegaPixels): 2.00
Pixels (H x V): 1,620 x 1,220
Pixel Size, H x V (µm): 4.4 x 4.4
Sensing Area, H x V (mm): 7.13 x 5.37
Frame Rate (fps): 25.00
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): 3.3 (12VDC External Power Supply) 4.0 (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): 70.5 x 53.3 x 33 (excludes connectors and lens mount)
Weight (g): 211
Mount: C-Mount
Housing: Full
Interface Port Orientation: Back Panel
Dynamic Range (dB): 54.3
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