

Allied Vision Prosilica GC1600H 1/1.8" CCD GigE Monochrome Camera

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Video Output:
GigE

Type:
Monochrome Camera

Manufacturer: Allied Vision
Mounting Threads: ¼-20 with Tripod Mount Adapter #63-432
Image Buffer: 64MB
Note: C-Mount features adjustable back focus
Camera Family: Prosilica GC
Model Number: GC1600H
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: 12 bit
Exposure Time: 10µs - 60s
Connector: GigE, RJ45
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)
GPIOs: 1 opto-isolated input, 1 opto-isolated output, 1 non-isolated input, 1 non-isolated output
Synchronization: Hardware Trigger (GPIO) or Software Trigger
Dimensions (mm): 45.7 x 42.9 x 33 (excludes connectors and lens mount)
Weight (g): 107
Mount: C-Mount
Housing: Full
Interface Port Orientation: Back Panel
Operating Temperature (°C): 0 to +50
Storage Temperature (°C): -10 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:

