

Allied Vision Alvium G5-052c, 1/1.7" 0.5MP C-Mount, 5GigE PoE Color Camera

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Video Output:
5GigE (PoE)

Type:
Color Camera

Manufacturer:
Allied Vision

Mounting Threads:
1/4"-20 and M6 with Tripod Mount Adapter [#14-156](#)

Image Buffer: 512KB
Camera Family: Alvium G5
Model Number: Alvium G5-052c
Imaging Sensor: Sony IMX426
Type of Sensor: Progressive Scan CMOS
Type of Shutter: Global
Camera Sensor Format: 1/1.7"
Resolution (MegaPixels): 0.50
Pixels (H x V): 816 x 624
Pixel Size, H x V (µm): 9 x 9
Sensing Area, H x V (mm): 7.34 x 5.61
Frame Rate (fps): 687.00
Pixel Depth: 8/10/12 Bit
Exposure Time: 22 µs to 10 s
Connector: 5GigE, RJ45 with Screw Locks
Power Supply: PoE, 12 to 24 VDC via GPIO, or with external power supply #23-581
Power Consumption (W): External power: 6.6 W at 12 VDC Power over Ethernet: 7.2 W
GPIOs: 1 opto-isolated input, 1 opto-isolated output, 2 non-isolated GPIOs
Synchronization: Hardware Trigger (GPIO) or Software Trigger
Dimensions (mm): 60 × 29 × 29
Weight (g): 100
Mount: C-Mount
Housing: Full
Interface Port Orientation: Back Panel
Dynamic Range (dB): Not Specified
Operating Temperature (°C): +5 to +60
Storage Temperature (°C): -20 to +85
GPIO Connector Type: 10-pin TFM
Machine Vision Standard: GigE Vision V1.2, GenICam V2.0

Regulatory Compliance

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