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Stock #23-568

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Video Output:
GigE (PoE)

Type:
Color Camera

Manufacturer: Allied Vision
Mounting Threads: ¼"-20 and M6 with Tripod Mount Adapter #14-156
Image Buffer: 32MB
Camera Family: Avium G1
Model Number: Avium G1-1620c
Imaging Sensor: Sony IMX542
Type of Sensor: Progressive Scan CMOS
Type of Shutter: Global
Camera Sensor Format: 1.1"
Resolution (MegaPixels): 16.20
Pixels (H x V): 5,328 x 3,040
Pixel Size, H x V (µm): 2.74 x 2.74
Sensing Area, H x V (mm): 14.6 x 8.3
Frame Rate (fps): 7.20
Pixel Depth: 12 Bit
Exposure Time: 91µs - 10s
Connector: GigE, 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: 3.7 W at 12 VDC Power over Ethernet: 4.1 W
GPIOs: 1 opto-isolated input, 1 opto-isolated output, 2 non-isolated GPIOs
Synchronization: Hardware Trigger (GPIO) or Software Trigger
Dimensions (mm): 41 x 29 x 29
Weight (g): 65
Mount: C-Mount
Housing: Full
Interface Port Orientation: Back Panel
Dynamic Range (dB): Not Specified
Operating Temperature (°C): -20 to +50
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

