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Allied Vision Mako G-319 1/1.8" Monochrome CMOS Camera

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Allied Vision Mako Power over Ethernet (PoE) Cameras (Front)



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Video Output:
GigE (PoE)

Type:
Monochrome Camera

Manufacturer: Allied Vision
Mounting Threads: ¼-20 with Tripod Mount Adapter #88-483
Image Buffer: 64MB
Camera Family: Mako
Model Number: G-319B
Imaging Sensor: Sony IMX265
Type of Sensor: Progressive Scan CMOS
Type of Shutter: Global
Camera Sensor Format: 1/1.8"
Resolution (MegaPixels): 3.20
Pixels (H x V): 2,048 x 1,544
Pixel Size, H x V (µm): 3.45 x 3.45
Sensing Area, H x V (mm): 7.1 x 5.3
Frame Rate (fps): 37.50
Pixel Depth: 8/12 bit
Exposure Time: Auto Exposure
Connector: GigE, RJ45 with Screw Locks
Power Supply: Power over Ethernet (PoE), via GPIO, or with external power supply
Power Consumption (W): 2.7 (12VDC External Power Supply) 3.1 (PoE)
GPIOs: 1 opto-isolated input, 3 opto-isolated ouputs
Synchronization: Hardware Trigger (GPIO), Software Trigger, or PTP (IEEE 1588)
Dimensions (mm): 42.6 x 29.2 x 29.2 (excludes connectors and lens mount)
Weight (g): 80
Mount: C-Mount
Housing: Full
Interface Port Orientation: Back Panel
Dynamic Range (dB): 72.7
Operating Temperature (°C): +5 to +45
Storage Temperature (°C): -10 to +70
GPIO Connector Type: 8-pin Hirose (HR25)
Machine Vision Standard: GigE Vision V1.2, GenICam SFNC V1.2.1

Regulatory Compliance

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

