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Allied Vision Manta G-1620B Monochrome CMOS PoE Camera

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Allied Vision Manta PoE Cameras



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Video Output:

GigE (PoE)

Type:

Monochrome Camera

Manufacturer:

Allied Vision

Mounting Threads: ¼-20 with Tripod Mount Adapter #89-996
Image Buffer: 128MB
Camera Family: Manta PoE
Model Number: Manta G-1620B
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): 7.40
Pixel Depth: 8/12 bit
Exposure Time: Via Software
Connector: GigE, RJ45 with Screw Locks
Power Supply: Power over Ethernet (PoE), via GPIO, or with external power supply
Power Consumption (W): 3.3 (12VDC External Power Supply), 3.9 (PoE)
GPIOs: 2 opto-isolated inputs, 2 opto-isolated outputs
Synchronization: Hardware Trigger (GPIO) or Software Trigger
Dimensions (mm): 71 × 44 × 29 (excludes connectors and lens mount)
Weight (g): 200
Mount: C-Mount
Housing: Full
Interface Port Orientation: Back Panel
Dynamic Range (dB): 70.7
Operating Temperature (°C): +5 to +45
Storage Temperature (°C): -10 to +70
GPIO Connector Type: 12-pin Hirose (HR10)
Machine Vision Standard: GigE Vsion v1.2, GenICam SFNC V1.2.1

Regulatory Compliance

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