

Allied Vision Manta G-158C Color CMOS PoE Camera

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Allied Vision Manta PoE Cameras



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Video Output:
GigE (PoE)

Type:

Color Camera

Manufacturer:

Allied Vision

Mounting Threads:

1/4-20 with Tripod Mount Adapter [#89-996](#)

Image Buffer:

128MB

Camera Family:

Manta PoE

Model Number:

Manta G-158C

Imaging Sensor:

Sony IMX273

Type of Sensor:

Progressive Scan CMOS

Type of Shutter:

Global

Camera Sensor Format:

1/2.9"

Resolution (MegaPixels):

1.58

Pixels (H x V):

1,456 x 1,088

Pixel Size, H x V (µm):

3.45 x 3.45

Sensing Area, H x V (mm):

4.96 x 3.72

Frame Rate (fps):

75.20

Pixel Depth:

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):

2.79 (12VDC External Power Supply)
3.26 (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):

71.5

Operating Temperature (°C):

+5 to +45

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 240:

[Compliant](#)

