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Allied Vision Mako G-158 1/2.9" Color CMOS Camera

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



Stock #11-605 **5 In Stock**

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⊖ 1 ⊕ €670⁰⁰

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Color

Spectrum:

General

Type:

Color Camera

G-158C

Model Number:

Allied Vision

Manufacturer:

Mako

Camera Series:

Physical & Mechanical Properties

Dimensions (mm):
42.6 x 29.2 x 29.2 (excludes connectors and lens mount)

Weight (g):
80

Housing:
Full

Sensor

Image Buffer:
64MB

Sensor Format:
1/2.9"

Resolution (Megapixels):
1.58

Frame Rate (fps):
75.20

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

Imaging Sensor:
Sony IMX273

Type of Sensor:
Progressive Scan CMOS

Shutter Type:
Global

Pixel Depth:
12 bit

Exposure Time:
Via Software

Dynamic Range (dB):
71.5

Machine Vision Standard:
GigE Vision V1.2, GenICam SFNC V1.2.1

Electrical

Power Consumption (W):
2.43 (12VDC External Power Supply)
2.68 (PoE)

Hardware & Interface Connectivity

Interface:
GigE (PoE)

Connector:
GigE, RJ45 with Screw Locks

Power Supply:
Power over Ethernet (PoE), via GPIO, or with external power supply

GPIOs:
1 opto-isolated input, 3 opto-isolated outputs

Synchronization:
Hardware Trigger (GPIO), Software Trigger, or PTP (IEEE 1588)

Interface Port Orientation:
Back Panel

GPIO Connector Type:
8-pin Hirose (HR25)

Threading & Mounting

Mount:
C-Mount

Mounting Threads:
¼-20 with Tripod Mount Adapter [#88-483](#)

Environmental & Durability Factors

+5 to +45 **Operating Temperature (°C):**

-10 to +70 **Storage Temperature (°C):**

Regulatory Compliance

[Compliant](#) **RoHS 2015:**

[View](#) **Certificate of Conformance:**

[Compliant](#) **Reach 240:**

Product Details

- Compact, Robust Metal Housing
- One Optocoupled Input, Three Outputs
- Power over Ethernet for Increased Flexibility

Allied Vision Mako Power over Ethernet (PoE) Cameras are ideal digital replacements for analog cameras in a variety of applications, including robots, inspection, or logistics. Allied Vision Mako PoE Cameras feature a precision-aligned sensor to maximize image performance, in addition to a 64MB image buffer. To increase adaptability, Allied Vision Mako PoE Cameras also come equipped with multiple smart features, including the region of interest readout, programmable exposure and white balance, and easy bandwidth control. Allied Vision Mako Power over Ethernet (PoE) Cameras utilize a robust metal housing along with camera temperature monitoring to ensure maximum performance in a range of environments. These cameras are offered in both monochrome and color, with varying resolutions.

Note: GigE cable and power supply (if not using PoE) required for operation.
