Allied Vision Mako G-040 1/2.9" Monochrome CMOS Camera

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

Stock **#11-602**   CONTACT US

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(-) 1 (+)   **€610**·⁰⁰

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Spectrum:

Monochrome

General

Type:

Monochrome Camera

Model Number:	
G-040B	
Manufacturer:	
Allied Vision	
Camera Series:	
Mako	

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):	
0.40	
Frame Rate (fps):	
286.00	
Pixels (H x V):	
728 x 544	
Pixel Size, H x V (µm):	
6.9 x 6.9	
Sensing Area, H x V (mm):	
4.96 x 3.72	
Imaging Sensor	
Sony IMX287	
Type of Sensor:	
Progressive Scan CMOS	
Shutter Type:	
Global	
Pixel Depth:	
12 bit	
Exposure Time:	
Via Software	
Dynamic Range (dB):	
74.4	
Machine Vision Standard:	
GigE Vision V1.2, GenICam SFNC V1.2.1	

Electrical

Power Consumption (W):	
2.43 (12VDC External Power Supply) 2.69 (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 ouputs	
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

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

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

Regulatory Compliance

	RoHS 2015:
Compliant	

	Certificate of Conformance:
View	

	Reach 240:
Compliant	

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.

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