

Allied Vision Mako G-223C 2/3" Color CMOS Camera

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



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€1.465⁰⁰

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Note: This item requires accessories for use | [Learn More](#)

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SPECIFICATIONS

General

Color Camera	Type:
Allied Vision	Manufacturer:
Mako	Camera Family:
G-223C	Model Number:

Physical & Mechanical Properties

42.6 x 29.2 x 29.2 (excludes connectors and lens mount)	Dimensions (mm):
80	Weight (g):
Full	Housing:

Sensor

64MB	Image Buffer:
CMOSIS CMV2000	Imaging Sensor:
Progressive Scan CMOS	Type of Sensor:
Global	Type of Shutter:
2/3"	Camera Sensor Format:
2.20	Resolution (MegaPixels):
2,048 x 1,088	Pixels (H x V):
5.5 x 5.5	Pixel Size, H x V (µm):
11.3 x 6	Sensing Area, H x V (mm):
49.50	Frame Rate (fps):
8/12 bit	Pixel Depth:
21µs - 153s	Exposure Time:
57.1	Dynamic Range (dB):
GigE Vision V1.2, GenICam SFNC V1.2.1	Machine Vision Standard:

Electrical

2.4 (12VDC External Power Supply) 2.8 (PoE)	Power Consumption (W):
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Hardware & Interface Connectivity

GigE (PoE)	Video Output:
GigE, RJ45 with Screw Locks	Connector:
Power over Ethernet (PoE), via GPIO, or with external power supply	Power Supply:
1 opto-isolated input, 3 opto-isolated outputs	GPIOs:
Hardware Trigger (GPIO), Software Trigger, or PTP (IEEE 1588)	Synchronization:
Back Panel	Interface Port Orientation:
8-pin Hirose (HR25)	GPIO Connector Type:

Threading & Mounting

1/4-20 with Tripod Mount Adapter #88-483	Mounting Threads:
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C-Mount	Mount:
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

GigE cable and [power supply](#) (if not using PoE) required for operation.

- 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.

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