

[See all 24 Products in Family](#)

Allied Vision Manta G-235 1/1.2" Monochrome CMOS Camera

See More by [Allied Vision](#)



Allied Vision Manta GigE Cameras (Front)



Stock **#89-958** [CONTACT US](#)

[Similar Cameras](#)

- 1 + **\$1,624⁰⁰**

ADD TO CART

Volume Pricing	
Qty 1+	\$1,624.00 each
Need More?	Request Quote

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

Product Downloads

Monochrome **Spectrum:**

General

Monochrome Camera **Type:**

Manta G-235B	Model Number:
Allied Vision	Manufacturer:
Manta	Camera Series:

Physical & Mechanical Properties

71 x 44 x 29 (excludes connectors and lens mount)	Dimensions (mm):
200	Weight (g):
Full	Housing:

Sensor

32MB	Image Buffer:
1/1.2"	Sensor Format:
2.30	Resolution (Megapixels):
50.70	Frame Rate (fps):
1,920 x 1,200	Pixels (H x V):
5.86 x 5.86	Pixel Size, H x V (µm):
11.3 x 7.0	Sensing Area, H x V (mm):
Sony IMX174	Imaging Sensor:
Progressive Scan CMOS	Type of Sensor:
Global	Shutter Type:
12 bit	Pixel Depth:
Via Software	Exposure Time:
73.0	Dynamic Range (dB):
GigE Vision v1.2, GenICam SFNC V1.2.1	Machine Vision Standard:

Electrical

2.8 (12VDC External Power Supply)	Power Consumption (W):
-----------------------------------	-------------------------------

Hardware & Interface Connectivity

GigE	Interface:
GigE, RJ45 with Screw Locks	Connector:
Power Supply Required and Sold Separately. USA: #15-281 Europe: #15-281 Japan: #15-281 China: #15-281	Power Supply:
2 opto-isolated inputs, 2 opto-isolated outputs	GPIOs:
Hardware Trigger (GPIO) or Software Trigger	Synchronization:
Back Panel	Interface Port Orientation:
12-pin Hirose (HR10)	GPIO Connector Type:

Threading & Mounting

C-Mount	Mount:
1/4-20 with Tripod Mount Adapter #89-996	Mounting Threads:

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

- Ideal Analog Replacement
- Up to 1" Maximum Sensors
- Up to 125 fps
- 32MB of Onboard Memory

Allied Vision Manta GigE Cameras are an excellent choice for entry into using the GigE interface. Featuring an intuitive user interface as well as a powerful SDK, these cameras are an excellent value. With options from 0.3 MegaPixels to 12 MegaPixels, all sensors offered cover a wide array of applications. Allied Vision Manta GigE Cameras feature sensors from 1/4" to 1" in size. GigE Cable and Power Supply, both sold separately, are required for operation. Additional [GigE cables](#), [#89-996](#) 1/4-20 Mounting Plate, and [#62-712](#) 12 Pin I/O Cable are available.
