

[See all 25 Products in Family](#)

Allied Vision Manta G-0319 1/1.8" Color Camera

See More by [Allied Vision](#)



Allied Vision Manta GigE Cameras (Front)



Stock **#34-717** CLEARANCE CONTACT US

[Similar Cameras](#)

-

1

+

 €1.010⁰⁰

ADD TO CART

Volume Pricing	
Qty 1+	€1.010,00 each
Need More?	Request Quote

! Prices shown are exclusive of VAT/local taxes

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

Product Downloads

Color	Spectrum:
General	
Type:	

Color Camera	
	Model Number:
Manta G-319C	
	Manufacturer:
Allied Vision	
	Camera Series:
Manta	

Physical & Mechanical Properties

	Dimensions (mm):
71 x 44 x 29 (excludes connectors and lens mount)	
	Weight (g):
190	
	Housing:
Full	

Sensor

	Image Buffer:
128MB	
	Sensor Format:
1/1.8"	
	Resolution (Megapixels):
3.20	
	Frame Rate (fps):
37.60	
	Pixels (H x V):
2,064 x 1,544	
	Pixel Size, H x V (µm):
3.45 x 3.45	
	Sensing Area, H x V (mm):
7.1 x 5.3	
	Imaging Sensor:
Sony IMX265	
	Type of Sensor:
Progressive Scan CMOS	
	Shutter Type:
Global	
	Pixel Depth:
12 bit	
	Exposure Time:
Via Software	
	Dynamic Range (dB):
72.2	
	Machine Vision Standard:
GigE Vision v1.2, GenICam SFNC V1.2.1	

Electrical

	Power Consumption (W):
2.7 (12VDC External Power Supply)	

Hardware & Interface Connectivity

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

Threading & Mounting

	Mount:
C-Mount	
	Mounting Threads:
¼-20 with Tripod Mount Adapter #89-996	

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.