

[All Products](#) / [Cameras](#) / [Gigabit Ethernet Cameras](#)

Allied Vision Manta GigE Cameras See More by [Allied Vision](#)



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

Common Specifications

General

Manufacturer: Allied Vision **Camera Series:** Manta

Physical & Mechanical Properties

Dimensions (mm): 71 x 44 x 29 (excludes connectors and lens mount)

Housing: Full

Sensor

Shutter Type: Global

Machine Vision Standard: GigE Vision v1.2, GenICam SFNC V1.2.1

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: 1/4-20 with Tripod Mount Adapter [#89-996](#)




Environmental & Durability Factors

Operating Temperature (°C): +5 to +45

Storage Temperature (°C): -10 to +70

Technical Information

Products

Type	Model Number	Sensor Format	Resolution (Megapixels)	Connector	Mount	Stock Number	Price	Buy
#84-362 Clearance								
								
Color Camera	Manta G-033C	1/2"	0.30	GigE, RJ45 with Screw Locks	C-Mount	Clearance Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.	A\$935.92	1 In Stock
Monochrome Camera	Manta G-040B	1/2.9"	0.40	GigE, RJ45 with Screw Locks	C-Mount	#11-606	A\$1,536.00	1 In Stock
Color Camera	Manta G-040C	1/2.9"	0.40	GigE, RJ45 with Screw Locks	C-Mount	#11-607	A\$1,536.00	1 In Stock
Monochrome Camera	Manta G-158B	1/2.9"	1.58	GigE, RJ45 with Screw Locks	C-Mount	#11-608	A\$1,648.00	8 In Stock
Color Camera	Manta G-158C	1/2.9"	1.58	GigE, RJ45 with Screw Locks	C-Mount	#11-609	A\$1,648.00	1 In Stock
Monochrome Camera	Manta G-235B	1/1.2"	2.30	GigE, RJ45 with Screw Locks	C-Mount	#89-958	A\$2,288.00	1 In Stock
#89-959 Clearance								
								
Color Camera	Manta G-235C	1/1.2"	2.30	GigE, RJ45 with Screw Locks	C-Mount	Clearance Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.	A\$1,558.32	Contact Us
Monochrome Camera	Manta G-319B	1/1.8"	3.20	GigE, RJ45 with Screw Locks	C-Mount	#34-716	A\$2,048.00	3 In Stock
#34-717 Clearance								
								
Color Camera	Manta G-319C	1/1.8"	3.20	GigE, RJ45 with Screw Locks	C-Mount	Clearance Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.	A\$1,390.32	Contact Us
Monochrome Camera	Manta G-419B	1"	4.20	GigE, RJ45 with Screw Locks	C-Mount	#88-458	A\$3,712.00	Contact Us

NIR Camera	Manta G-419 NIR	1"	4.20	GigE, RJ45 with Screw Locks	C-Mount	#88-460	A\$3,888.00	Contact Us
Monochrome Camera	Manta G-507B	2/3"	5.10	GigE, RJ45 with Screw Locks	C-Mount	#34-718	A\$2,536.00	2 In Stock
Color Camera	Manta G-507C	2/3"	5.10	GigE, RJ45 with Screw Locks	C-Mount	#34-719	A\$2,536.00	1 In Stock

1

A\$1,696.00 3 In Stock