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



- Up to 1.2" Maximum Sensors
- Up to 128MB of Onboard Memory
- Power over Ethernet for Increased Flexibility

Common Specifications

General			
Manufacturer:	Allied Vision	Camera Series:	Manta PoE
Physical & Mechanical Properties			
Dimensions (mm):	71 × 44 × 29 (excludes connectors and lens mount)	Weight (g):	200
Housing:	Full		
Sensor			
Image Buffer:	128MB		
Type of Sensor:	Progressive Scan CMOS	Shutter Type:	Global
Exposure Time:	Via Software	Machine Vision Standard:	GigE Vision v1.2, GenICam SFNC V1.2.1
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:	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 <a href="#">#89-996</a>	
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
Monochrome Camera	Manta G-158B	1/2.9"	1.58	GigE, RJ45 with Screw Locks	C-Mount	<a href="#">#13-933</a>	€1.080,00	Contact Us
Color Camera	Manta G-158C	1/2.9"	1.58	GigE, RJ45 with Screw Locks	C-Mount	<a href="#">#13-934</a>	€1.080,00	Contact Us
Monochrome Camera	Manta G-223B	2/3"	2.20	GigE, RJ45 with Screw Locks	C-Mount	<a href="#">#13-935</a>	€1.780,00	1 In Stock
Monochrome Camera	Manta G-235B	1/1.2"	2.30	GigE, RJ45 with Screw Locks	C-Mount	<a href="#">#13-938</a>	€1.485,00	1 In Stock
Color Camera	Manta G-235C	1/1.2"	2.30	GigE, RJ45 with Screw Locks	C-Mount	<a href="#">#13-939</a>	€1.485,00	5 In Stock



Recertified

Stock No.: 13-939-RCD-05P  
Recertified Code: 05P (All Original  
Parts Included, Perfect)

# Recertified Products

Typically 1-2 Recertified Products are  
in stock at a time. Please contact our  
sales team if you would like exact  
availability of an item.

Recertified products are those  
identified with the recertified logo  
indicating they were returned to  
Edmund Optics® and cannot be sold  
as new for the following reasons:

- Open Box – Missing original  
packaging
- Cosmetic Blemishes –  
Scratches, rub marks or other  
minor cosmetic imperfections
- Service/Repair – Product has  
been serviced to the factory  
original specification
- Factory Returns – Product has  
been returned in its original  
condition

Recertified products are inspected for  
damage and any necessary repairs are  
made. Products are then certified by  
Edmund Optics® to be in good working  
order. Since quantity is low, recertified  
products are sold on a first come, first  
serve basis. Any imperfections will be  
listed in the description, indicated in the  
stock number, and categorized by the  
table below. When purchasing  
recertified products, the Edmund  
Optics® standard [return policy](#) applies.

View all our [recertified products](#) in the  
Web Specials section of our website.

Parts		Cosmetic	
05	All Original Parts Included	P	Perfect
04	Missing Manual	N	Minor Defect/Scratches
03	Missing Manual and Small Accessory	J	Major Defect/Scratches
02	Missing Manual and Large Accessory		

Color  
Camera

Manta G-  
235C

1/1.2"

2.30

GigE, RJ45  
with Screw  
Locks

C-  
Mount

€1.152,00

1 In Stock

Monochrome Camera	Manta G-319B	1/1.8"	3.20	GigE, RJ45 with Screw Locks	C-Mount	<a href="#">#37-510</a>	€1.340,00	1 In Stock
Color Camera	Manta G-319C	1/1.8"	3.20	GigE, RJ45 with Screw Locks	C-Mount	<a href="#">#37-511</a>	€1.340,00	Contact Us

[#37-511-RCD-05P Recertified](#)



Recertified

Stock No.: 37-511-RCD-05P  
Recertified Code: 05P (All Original  
Parts Included, Perfect)

## Recertified Products

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Parts		Cosmetic	
05	All Original Parts Included	P	Perfect
04	Missing Manual	N	Minor Defect/Scratches
03	Missing Manual and Small Accessory	J	Major Defect/Scratches

02 Missing  
Manual  
and Large  
Accessory

Monochrome Camera	Manta G-419B	1"	4.20	GigE, RJ45 with Screw Locks	C-Mount	<a href="#">#13-940</a>	€2.380,00	1 In Stock
Color Camera	Manta G-419C	1"	4.20	GigE, RJ45 with Screw Locks	C-Mount	<a href="#">#13-941</a>	€2.380,00	1 In Stock
Monochrome Camera	Manta G-507B	2/3"	5.10	GigE, RJ45 with Screw Locks	C-Mount	<a href="#">#37-512</a>	€1.640,00	1 In Stock
 <b>Edmund</b> <sub>10</sub> optics   worldwide				GigE, RJ45 with Screw Locks	C-Mount	<a href="#">#37-513</a>	€1.640,00	1 In Stock
Copyright 2025   Edmund Optics BV, De Maas 22B, 5684 PL Best, The Netherlands Phone: +31-40-3621892 <a href="http://www.edmundoptics.com">www.edmundoptics.com</a>								
Monochrome Camera	Manta G-895B	1"	8.95	GigE, RJ45 with Screw Locks	C-Mount	<a href="#">#35-898</a>	€2.320,00	1 In Stock
Color Camera	Manta G-895C	1"	8.95	GigE, RJ45 with Screw Locks	C-Mount	<a href="#">#35-899</a>	€2.320,00	3 In Stock
Monochrome Camera	Manta G-1236B	1.1"	12.40	GigE, RJ45 with Screw Locks	C-Mount	<a href="#">#37-514</a>	€2.875,00	5 In Stock
<a href="#">#37-515 Clearance</a>								
								
Color Camera	Manta G-1236C	1.1"	12.40	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.	€1.953,95	3 In Stock
Monochrome Camera	Manta G-1620B	1.1"	16.20	GigE, RJ45 with Screw Locks	C-Mount	<a href="#">#17-091</a>	€2.400,00	1 In Stock
Color Camera	Manta G-1620C	1.1"	16.20	GigE, RJ45 with Screw Locks	C-Mount	<a href="#">#17-092</a>	€2.465,00	1 In Stock
Monochrome Camera	Manta G-2040B	1.1"	20.36	GigE, RJ45 with Screw Locks	C-Mount	<a href="#">#17-093</a>	€2.905,00	Contact Us
Monochrome Camera	Manta G-2460B	1.2"	24.55	GigE, RJ45 with Screw Locks	C-Mount	<a href="#">#17-095</a>	€3.380,00	Contact Us