

[See all 25 Products in Family](#)

Allied Vision Manta G-507 2/3" Color Camera (Recertified 05-P)

See More by [Allied Vision](#)



Allied Vision Manta GigE Cameras (Front)



Stock #34-719-RCD-05P **RECERTIFIED** **3 In Stock**

[Similar Cameras](#)

⊖ 1 ⊕ €1.275⁰⁰

ADD TO CART

Volume Pricing	
Qty 1+	€1.275,00 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

Manta G-507C

Model Number:

Allied Vision

Manufacturer:

Manta

Camera Series:

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:
2/3"

Resolution (Megapixels):
5.10

Frame Rate (fps):
23.70

Pixels (H x V):
2,464 x 2,056

Pixel Size, H x V (µm):
3.45 x 3.45

Sensing Area, H x V (mm):
8.5 x 7.1

Imaging Sensor:
Sony IMX264

Type of Sensor:
Progressive Scan CMOS

Shutter Type:
Global

Pixel Depth:
12 bit

Exposure Time:
Via Software

Dynamic Range (dB):
72.1

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

Electrical

Power Consumption (W):
2.8 (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:
1/4-20 with Tripod Mount Adapter [#89-996](#)

Environmental & Durability Factors

+5 to +45 **Operating Temperature (°C):**

-10 to +70 **Storage Temperature (°C):**

Regulatory Compliance

[Compliant](#) **Reach 191:**

[Compliant](#) **RoHS 2015:**

[View](#) **Certificate of Conformance:**

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.
