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

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Allied Vision Manta GigE Cameras (Front)



Stock **#34-717** CLEARANCE **4 In Stock**

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- 1 + ₹75,599

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

Product Downloads

Color

Spectrum:

General

Color Camera

Type:

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

Physical & Mechanical Properties

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

Sensor

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

Electrical

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

Hardware & Interface Connectivity

|                                                                                                                                                                                   |                             |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|
| GigE                                                                                                                                                                              | Interface:                  |
| GigE, RJ45 with Screw Locks                                                                                                                                                       | Connector:                  |
| Power Supply Required and Sold Separately:<br>USA: <a href="#">#15-281</a><br>Europe: <a href="#">#15-281</a><br>Japan: <a href="#">#15-281</a><br>China: <a href="#">#15-281</a> | 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 <a href="#">#89-996</a> | 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:                  |
| Canada                              | Country of Origin:          |
| Edmund Optics India Private Limited | Imported By:                |

## 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.