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Allied Vision Manta G-040 1/2.9" Monochrome CMOS Camera

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Allied Vision Manta GigE Cameras (Front)



Stock #11-606 **1 In Stock**

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- 1 + C\$980⁰⁰

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

Product Downloads

Monochrome

Spectrum:

General

Monochrome Camera

Type:

| | |
|---------------|-----------------------|
| Manta G-040B | 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: |
| 1/2.9" | Sensor Format: |
| 0.40 | Resolution (Megapixels): |
| 286.00 | Frame Rate (fps): |
| 728 x 544 | Pixels (H x V): |
| 6.9 x 6.9 | Pixel Size, H x V (µm): |
| 4.96 x 3.72 | Sensing Area, H x V (mm): |
| Sony IMX287 | Imaging Sensor: |
| Progressive Scan CMOS | Type of Sensor: |
| Global | Shutter Type: |
| 12 bit | Pixel Depth: |
| Via Software | Exposure Time: |
| 74.4 | Dynamic Range (dB): |
| GigE Vision v1.2, GenICam SFNC V1.2.1 | Machine Vision Standard: |

Electrical

| | |
|------------------------------------|-------------------------------|
| 2.77 (12VDC External Power Supply) | Power Consumption (W): |
|------------------------------------|-------------------------------|

Hardware & Interface Connectivity

| | |
|---|------------------------------------|
| GigE | Interface: |
| GigE, RJ45 with Screw Locks | Connector: |
| Power Supply Required and Sold Separately. USA: #15-281 Europe: #15-281 Japan: #15-281 China: #15-281 | 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 #89-996 | 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:**

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.

Calibration Services

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