

Allied Vision Manta G-1236 1.1" Color CMOS Camera

A close-up, low-angle shot of a red and black Manta 2500 projector. The red section on the left features the 'manta' logo in white. The black section on the right houses a large, glowing orange lens. The projector is mounted on a black base, and the background is a dark, gradient surface.

Similar Cameras


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 ₹2,81,000

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Color	Spectrum:
General	
Color Camera	Type:
Manta G-1236	Model Number:

Allied Vision	Manufacturer:
Manta	Camera Series:
Physical & Mechanical Properties	
71 x44 x29 (excludes connectors and lens mount)	Dimensions (mm):
190	Weight (g):
Full	Housing:
Sensor	
128MB	Image Buffer:
1.1"	Sensor Format:
12.40	Resolution (Megapixels):
9.70	Frame Rate (fps):
4,112 x3,008	Pixels (H x V):
3.45 x3.45	Pixel Size, H x V (µm):
14.2 x10.4	Sensing Area, H x V (mm):
Sony IMX304	Imaging Sensor:
Progressive Scan CMOS	Type of Sensor:
Global	Shutter Type:
8/12 bit	Pixel Depth:
Auto Exposure	Exposure Time:
71.9	Dynamic Range (dB):
GigE Vision v1.2, GenICam SFNC V1.2.1	Machine Vision Standard:
Electrical	
3 (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:
¼-20 with Tripod Mount Adapter #89-996	Mounting Threads:
Environmental & Durability Factors	
+5 to +45	Operating Temperature (°C):
	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](#) ¼-20 Mounting Plate, and [#62-712](#) 12 Pin I/O Cable are available.