

# Allied Vision Alvium G5-1620m, 1.1" 16.2MP C-Mount, 5GigE PoE Monochrome Camera

See More by [Allied Vision](#)



Stock **#23-635** ☐ In Stock

1

**C\$3,161.20**

ADD TO CART

|             |
|-------------|
| Qty 1+      |
| C\$3,161.20 |

|                               |
|-------------------------------|
| Volume Pricing                |
| <a href="#">Request Quote</a> |

## Get Product Downloads

**Video Output:**  
5GigE (PoE)

**Type:**  
Monochrome Camera

**Manufacturer:**  
Allied Vision

**Mounting Threads:**  
1/4"-20 and M6 with Tripod Mount Adapter [#14-156](#)

|                                                                                               |
|-----------------------------------------------------------------------------------------------|
| <b>Image Buffer:</b><br>512KB                                                                 |
| <b>Camera Family:</b><br>Alvium G5                                                            |
| <b>Model Number:</b><br>Alvium G5-1620m                                                       |
| <b>Imaging Sensor:</b><br>Sony IMX542                                                         |
| <b>Type of Sensor:</b><br>Progressive Scan CMOS                                               |
| <b>Type of Shutter:</b><br>Global                                                             |
| <b>Camera Sensor Format:</b><br>1.1"                                                          |
| <b>Resolution (MegaPixels):</b><br>16.20                                                      |
| <b>Pixels (H x V):</b><br>5,328 x 3,040                                                       |
| <b>Pixel Size, H x V (µm):</b><br>2.74 x 2.74                                                 |
| <b>Sensing Area, H x V (mm):</b><br>14.59 x 8.33                                              |
| <b>Frame Rate (fps):</b><br>30.00                                                             |
| <b>Pixel Depth:</b><br>8/10/12 Bit                                                            |
| <b>Exposure Time:</b><br>23 µs to 10 s                                                        |
| <b>Connector:</b><br>5GigE, RJ45 with Screw Locks                                             |
| <b>Power Supply:</b><br>PoE, 12 to 24 VDC via GPIO, or with external power supply #23-581     |
| <b>Power Consumption (W):</b><br>External power: 7.0 W at 12 VDC   Power over Ethernet: 7.5 W |
| <b>GPIOs:</b><br>1 opto-isolated input, 1 opto-isolated output, 2 non-isolated GPIOs          |
| <b>Synchronization:</b><br>Hardware Trigger (GPIO) or Software Trigger                        |
| <b>Dimensions (mm):</b><br>60 × 29 × 29                                                       |
| <b>Weight (g):</b><br>100                                                                     |
| <b>Mount:</b><br>C-Mount                                                                      |
| <b>Housing:</b><br>Full                                                                       |
| <b>Interface Port Orientation:</b><br>Back Panel                                              |
| <b>Dynamic Range (dB):</b><br>Not Specified                                                   |
| <b>Operating Temperature (°C):</b><br>+5 to +60                                               |
| <b>Storage Temperature (°C):</b><br>-20 to +85                                                |
| <b>GPIO Connector Type:</b><br>10-pin TFM                                                     |
| <b>Machine Vision Standard:</b><br>GigE Vision V1.2, GenICam V2.0                             |

## Regulatory Compliance

|                                                            |
|------------------------------------------------------------|
| <b>RoHS 2015:</b><br><a href="#">Compliant</a>             |
| <b>Certificate of Conformance:</b><br><a href="#">View</a> |
| <b>Reach 235:</b><br><a href="#">Compliant</a>             |