

# Allied Vision Prosilica GT4400 4/3" TFL-Mount Monochrome CMOS Camera

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**Video Output:**  
GigE (PoE)

**Type:**  
Monochrome Camera

**Manufacturer:**  
Allied Vision

**Mounting Threads:**  
1/4-20 with Tripod Mount Adapter [#87-412](#)

**Image Buffer:**  
128MB

|                                                                                                                                                                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Camera Family:</b><br>Prosilica GT                                                                                                                                                                     |
| <b>Model Number:</b><br>GT 4400                                                                                                                                                                           |
| <b>Imaging Sensor:</b><br>Sony IMX367                                                                                                                                                                     |
| <b>Type of Sensor:</b><br>Progressive Scan CMOS                                                                                                                                                           |
| <b>Type of Shutter:</b><br>Global                                                                                                                                                                         |
| <b>Camera Sensor Format:</b><br>4/3"                                                                                                                                                                      |
| <b>Resolution (MegaPixels):</b><br>19.60                                                                                                                                                                  |
| <b>Pixels (H x V):</b><br>4,432 x 4,436                                                                                                                                                                   |
| <b>Pixel Size, H x V (µm):</b><br>3.45 x 3.45                                                                                                                                                             |
| <b>Sensing Area, H x V (mm):</b><br>15.3 x 15.3                                                                                                                                                           |
| <b>Frame Rate (fps):</b><br>6.12                                                                                                                                                                          |
| <b>Pixel Depth:</b><br>12 bit                                                                                                                                                                             |
| <b>Exposure Time:</b><br>Auto Exposure                                                                                                                                                                    |
| <b>Connector:</b><br>GigE, RJ45 with Screw Locks                                                                                                                                                          |
| <b>Power Supply:</b><br>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> |
| <b>Power Consumption (W):</b><br>5.0 (12VDC External Power Supply)<br>6.2 (PoE)                                                                                                                           |
| <b>GPIOs:</b><br>1 opto-isolated input, 2 opto-isolated outputs, 1 non-isolated input, 2 non-isolated outputs                                                                                             |
| <b>Synchronization:</b><br>Hardware Trigger (GPIO) or Software Trigger                                                                                                                                    |
| <b>Dimensions (mm):</b><br>53.3 × 66 × 53.3 (excludes connectors and lens mount)                                                                                                                          |
| <b>Weight (g):</b><br>372                                                                                                                                                                                 |
| <b>Mount:</b><br>TFL-Mount                                                                                                                                                                                |
| <b>Housing:</b><br>Full                                                                                                                                                                                   |
| <b>Interface Port Orientation:</b><br>Back Panel                                                                                                                                                          |
| <b>Dynamic Range (dB):</b><br>72.0                                                                                                                                                                        |
| <b>Operating Temperature (°C):</b><br>-20 to +65                                                                                                                                                          |
| <b>Storage Temperature (°C):</b><br>-20 to +70                                                                                                                                                            |
| <b>GPIO Connector Type:</b><br>12-pin Hirose (HR10)                                                                                                                                                       |
| <b>Machine Vision Standard:</b><br>GigE Vision V1.2, GenICam SFNC V1.2.1                                                                                                                                  |

## 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>             |