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# Basler ace2 a2A2590-22gmPRO Monochrome GigE Pro Camera



Basler ace2 GigE Cameras (Front)



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**Video Output:**  
GigE (PoE)

**Type:**  
Monochrome Camera

**Manufacturer:**  
Basler

|                                                                                            |
|--------------------------------------------------------------------------------------------|
| <b>Mounting Threads:</b><br>¼-20 with Tripod Mount Adapter <a href="#">#16-641</a>         |
| <b>Image Buffer:</b><br>Not Specified                                                      |
| <b>Camera Family:</b><br>ace2                                                              |
| <b>Model Number:</b><br>a2A2590-22gmPRO                                                    |
| <b>Imaging Sensor:</b><br>Sony IMX334                                                      |
| <b>Type of Sensor:</b><br>Progressive Scan CMOS                                            |
| <b>Type of Shutter:</b><br>Rolling                                                         |
| <b>Camera Sensor Format:</b><br>1/2.8"                                                     |
| <b>Resolution (MegaPixels):</b><br>5.00                                                    |
| <b>Pixels (H x V):</b><br>2,592 x 1,944                                                    |
| <b>Pixel Size, H x V (µm):</b><br>2.00 x 2.00                                              |
| <b>Sensing Area, H x V (mm):</b><br>5.2 x 3.9                                              |
| <b>Frame Rate (fps):</b><br>22.00                                                          |
| <b>Pixel Depth:</b><br>8/10/12 bit                                                         |
| <b>Exposure Time:</b><br>Freely Programmable                                               |
| <b>Connector:</b><br>GigE, RJ45 with Screw Locks                                           |
| <b>Power Supply:</b><br>Power over Ethernet (PoE) or via GPIO with <a href="#">#16-644</a> |
| <b>Power Consumption (W):</b><br>3.1                                                       |
| <b>GPIOs:</b><br>1 opto-coupled input line, 2 general purpose I/O (GPIO) lines             |
| <b>Synchronization:</b><br>Hardware Trigger (GPIO), Software Trigger, or Free-Run          |
| <b>Dimensions (mm):</b><br>55.5 x 29 x 29 (excludes connectors and lens mount)             |
| <b>Weight (g):</b><br><105                                                                 |
| <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>69.2                                                         |
| <b>Operating Temperature (°C):</b><br>-10 to +60                                           |
| <b>Storage Temperature (°C):</b><br>-20 to +80                                             |
| <b>GPIO Connector Type:</b><br>6-pin MB                                                    |
| <b>Machine Vision Standard:</b><br>GigE Vision 2.0, GenICam                                |

## 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>             |