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SUBMIT

Pixelink PL-D759MU-BL, 1" 8.9MP, Board Level USB 3.0 Monochrome Camera



Pixelink® USB 3.0 Cameras (Board Level)



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1



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Video Output:  
USB 3.0

Type:  
Monochrome Camera

Manufacturer:  
Pixelink

|                                                                                             |
|---------------------------------------------------------------------------------------------|
| <b>Mounting Threads:</b><br>1/4-20 with Tripod Mount Adapter <a href="#">#26-179</a>        |
| <b>Image Buffer:</b><br>Not Specified                                                       |
| <b>Camera Family:</b><br>PL-D                                                               |
| <b>Model Number:</b><br>PL-D759MU-BL                                                        |
| <b>Imaging Sensor:</b><br>Sony IMX255                                                       |
| <b>Type of Sensor:</b><br>Progressive Scan CMOS                                             |
| <b>Type of Shutter:</b><br>Global                                                           |
| <b>Camera Sensor Format:</b><br>1"                                                          |
| <b>Resolution (MegaPixels):</b><br>8.85                                                     |
| <b>Pixels (H x V):</b><br>4,096 x 2,160                                                     |
| <b>Pixel Size, H x V (µm):</b><br>3.45 x 3.45                                               |
| <b>Sensing Area, H x V (mm):</b><br>14.13 x 7.45                                            |
| <b>Frame Rate (fps):</b><br>47.90                                                           |
| <b>Pixel Depth:</b><br>10/12 bit                                                            |
| <b>Exposure Time:</b><br>24µs - 120s                                                        |
| <b>Connector:</b><br>USB 3.0, Micro-B                                                       |
| <b>Power Supply:</b><br>Power over USB                                                      |
| <b>Power Consumption (W):</b><br>Not Specified                                              |
| <b>GPIOs:</b><br>1 non-isolated trigger input, 2 non-isolated outputs, 1 non-isolated input |
| <b>Synchronization:</b><br>Hardware Trigger (GPIO) or Software Trigger                      |
| <b>Dimensions (mm):</b><br>50.8 x 35 x 13.36 (excludes lens mount)                          |
| <b>Weight (g):</b><br>35.8                                                                  |
| <b>Mount:</b><br>C-Mount                                                                    |
| <b>Housing:</b><br>Board Level                                                              |
| <b>Interface Port Orientation:</b><br>Side Panel                                            |
| <b>Dynamic Range (dB):</b><br>70                                                            |
| <b>Operating Temperature (°C):</b><br>0 to +50                                              |
| <b>Storage Temperature (°C):</b><br>-45 to +85                                              |
| <b>GPIO Connector Type:</b><br>8-pin Molex 1.25mm Pitch                                     |
| <b>Machine Vision Standard:</b><br>USB3 Vision v1.0                                         |
| <b>Operating System:</b><br>Software Driver: Windows 32 and 64 bit                          |

## Regulatory Compliance

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|------------------------------------------------------------|
| <b>RoHS 2015:</b><br><a href="#">Compliant</a>             |
| <b>Reach 224:</b><br><a href="#">Compliant</a>             |
| <b>Certificate of Conformance:</b><br><a href="#">View</a> |