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# Pixelink PL-D775MU-BL, 1/2.5" 5.0MP, Board Level USB 3.0 Monochrome Camera



Pixelink® USB 3.0 Cameras (Board Level)



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**Video Output:**  
USB 3.0

**Type:**  
Monochrome Camera

|                                                                                             |
|---------------------------------------------------------------------------------------------|
| <b>Manufacturer:</b><br>Pixelink                                                            |
| <b>Mounting Threads:</b><br>¼-20 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-D775MJ-BL                                                        |
| <b>Imaging Sensor:</b><br>ON Semi MT9P031                                                   |
| <b>Type of Sensor:</b><br>Progressive Scan CMOS                                             |
| <b>Type of Shutter:</b><br>Rolling                                                          |
| <b>Camera Sensor Format:</b><br>1/2.5"                                                      |
| <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>2.2 x 2.2                                                 |
| <b>Sensing Area, H x V (mm):</b><br>5.7 x 4.28                                              |
| <b>Frame Rate (fps):</b><br>15.00                                                           |
| <b>Pixel Depth:</b><br>8/12 bit                                                             |
| <b>Exposure Time:</b><br>107µs - 2s                                                         |
| <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>60                                                            |
| <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

|                                                            |
|------------------------------------------------------------|
| <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> |

