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# Pixelink PL-D797MU-T, 1.1" 7.1MP, C-Mount USB 3.0 Monochrome Camera



Pixelink® USB 3.0 Cameras (Full Housing)



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**Video Output:**  
USB 3.0

**Type:**  
Monochrome Camera

**Manufacturer:**  
Pixelink

**Mounting Threads:**

1/4-20 with Tripod Mount Adapter [#89-408](#)

|                                                                                                                      |
|----------------------------------------------------------------------------------------------------------------------|
| <b>Image Buffer:</b><br>Not Specified                                                                                |
| <b>Camera Family:</b><br>PL-D                                                                                        |
| <b>Model Number:</b><br>PL-D797MJ-T                                                                                  |
| <b>Imaging Sensor:</b><br>Sony IMX428                                                                                |
| <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>7.10                                                                              |
| <b>Pixels (H x V):</b><br>3,208 x 2,200                                                                              |
| <b>Pixel Size, H x V (µm):</b><br>4.5 x 4.5                                                                          |
| <b>Sensing Area, H x V (mm):</b><br>14.44 x 9.9                                                                      |
| <b>Frame Rate (fps):</b><br>27.00                                                                                    |
| <b>Pixel Depth:</b><br>8/12 bit                                                                                      |
| <b>Exposure Time:</b><br>37µs - 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 opto-isolated trigger input, 1 opto-isolated output, 2 non-isolated outputs, 1 non-isolated input |
| <b>Synchronization:</b><br>Hardware Trigger (GPIO) or Software Trigger                                               |
| <b>Dimensions (mm):</b><br>55 x 38.5 x 27 (excludes connectors and lens mount)                                       |
| <b>Weight (g):</b><br>89                                                                                             |
| <b>Mount:</b><br>C-Mount                                                                                             |
| <b>Housing:</b><br>Full                                                                                              |
| <b>Interface Port Orientation:</b><br>Side Panel                                                                     |
| <b>Dynamic Range (dB):</b><br>72                                                                                     |
| <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 Hirose (HR25)                                                                   |
| <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> |