

# Pixelink PL-D753MU-BL, 2/3" 2.8MP, 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

**Manufacturer:**  
Pixelink

**Image Buffer:**  
Not Specified

**Camera Family:**  
PL-D

**Model Number:**  
PL-D753MJ-BL

**Imaging Sensor:**  
Sony IMX421

**Type of Sensor:**  
Progressive Scan CMOS

**Type of Shutter:**  
Global

**Camera Sensor Format:**  
2/3"

**Resolution (MegaPixels):**  
2.80

**Pixels (H x V):**  
1,936 x 1,464

**Pixel Size, H x V (µm):**  
3.45 x 3.45

**Sensing Area, H x V (mm):**  
6.68 x 5.05

**Frame Rate (fps):**  
141.00

**Pixel Depth:**  
8/12 bit

**Exposure Time:**  
10µs - 120s

**Connector:**  
USB 3.0, Micro-B

**Power Supply:**  
Power over USB

**Power Consumption (W):**  
Not Specified

**GPIOs:**  
1 non-isolated trigger input, 2 non-isolated outputs, 1 non-isolated input

**Synchronization:**  
Hardware Trigger (GPIO) or Software Trigger

**Dimensions (mm):**  
50.8 x 35 x 13.36 (excludes lens mount)

**Weight (g):**  
35.8

**Mount:**  
C-Mount

**Housing:**  
Board Level

**Interface Port Orientation:**  
Side Panel

**Dynamic Range (dB):**  
72

**Operating Temperature (°C):**  
0 to +50

**Storage Temperature (°C):**  
-45 to +85

**GPIO Connector Type:**  
8-pin Mflex 1.25mm Pitch

**Machine Vision Standard:**  
USB3 Vision v1.0

**Operating System:**  
Software Driver: Windows 32 and 64 bit

## Regulatory Compliance

**RoHS 2015:**  
[Compliant](#)

**Reach 224:**  
[Compliant](#)

**Certificate of Conformance:**  
[View](#)