

Pixelink PL-D7512MU-BL, 1.1" 12.3MP, 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-D7512MJ-BL

Imaging Sensor:
Sony IMX253

Type of Sensor:
Progressive Scan CMOS

Type of Shutter:
Global

Camera Sensor Format:
1.1"

Resolution (MegaPixels):
12.29

Pixels (H x V):
4,096 x 3,000

Pixel Size, H x V (µm):
3.45 x 3.45

Sensing Area, H x V (mm):
14.13 x 10.35

Frame Rate (fps):
34.70

Pixel Depth:
8/12 bit

Exposure Time:
24µs - 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):
70

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](#)