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Pixelink PL-D755CU-BL, 2/3" 5.0MP, Board Level USB 3.0 Color Camera



Pixelink® USB 3.0 Cameras (Board Level)



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Video Output:
USB 3.0

Type:
Color Camera

Manufacturer:
Pixelink

Mounting Threads:
1/4-20 with Tripod Mount Adapter [#26-179](#)

Image Buffer:
Not Specified

Camera Family:
PL-D

Model Number:
PL-D755CU-BL

Imaging Sensor:
Sony IMX250

Type of Sensor:
Progressive Scan CMOS

Type of Shutter:
Global

Camera Sensor Format:
2/3"

Resolution (MegaPixels):
5.01

Pixels (H x V):
2,448 x 2,048

Pixel Size, H x V (µm):
3.45 x 3.45

Sensing Area, H x V (mm):
8.45 x 7.07

Frame Rate (fps):
80.90

Pixel Depth:
8/12 bit

Exposure Time:
20µs - 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 Molex 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](#)