

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

Mounting Threads: 1/4-20 with Tripod Mount Adapter #26-179
Image Buffer: Not Specified
Camera Family: PL-D
Model Number: PL-D7512MU-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 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