PL-D775CU-S-AFE-BL PixeLINK USB 3.0 Autofocus Color Camera

Pixelink® USB 3.0 Autofocus Liquid Lens Board Level Cameras

Stock **#14-178** CONTACT US

⊖ 1 ⊕   €800.⁰⁰

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Qty 1+	**€800,00** each
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⬤ Prices shown are exclusive of VAT/local taxes

Product Downloads

Spectrum:	
Color	

General

Type:	
Color Camera	
Model Number:	
PL-D775CU-S-AFE-BL	
Manufacturer:	
Pixelink	

Camera Series:
PL-D

Physical & Mechanical Properties

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

Weight (g):
35.8

Housing:
Board Level

Sensor

Image Buffer:
Not Specified

Sensor Format:
1/2.5"

Resolution (Megapixels):
5.00

Frame Rate (fps):
14.00

Pixels (H x V):
2,592 x 1,944

Pixel Size, H x V (µm):
2.2 x 2.2

Sensing Area, H x V (mm):
5.7 x 4.28

Imaging Sensor:
ON Semi MT9P006

Type of Sensor:
Progressive Scan CMOS

Shutter Type:
Rolling

Pixel Depth:
8/12 bit

Exposure Time:
107µs - 2s

Dynamic Range (dB):
60

Machine Vision Standard:
USB3 Vision v1.0

Electrical

Power Consumption (W):
Not Specified

Hardware & Interface Connectivity

Interface:
USB 3.0

Connector:
USB 3.0, Micro-B

Power Supply:
Power over USB

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

Synchronization:
Hardware Trigger (GPIO) or Software Trigger

Interface Port Orientation:
Side Panel

GPIO Connector Type:
8-pin Molex 1.25mm Pitch

Operating System:
Software Driver: Windows 32 and 64 bit

Threading & Mounting

Mount:
S-Mount (M12 x 0.5)

Mounting Threads:
No Mounting Threads/Tripod Adapter

Environmental & Durability Factors

Operating Temperature (°C):
0 to +50

Storage Temperature (°C):
-45 to +85

Product Details

- M12 S-Mount Board Level Cameras
- Seamless Integration of Liquid Lenses
- One-Push Autofocus, High Speed Focus Movement

Pixelink® USB 3.0 Autofocus Liquid Lens Board Level Cameras provide one push, high-speed, point to point focus by utilizing liquid lens integration. These USB 3.0 board level cameras feature a M12 S-Mount camera mount. With seamless liquid lens control via the included software and easy integration with the Pixelink SDK, these cameras are ideal for high-speed imaging applications such as bar-code reading and biometrics.

Note: Board level cameras with exposed electronics are intended for system integration and may not be suitable for end users. Liquid lens is not included.

To get started, please choose your camera and the appropriate TECHSPEC® Liquid Lens M12 Lenses listed under the Accessories section. These lenses are available in 6mm, 8mm, 12mm, and 16mm focal lengths.

Pixelink Capture is a free, user-friendly application included with all Pixelink cameras, offering real-time image and video capture through an intuitive graphical interface. In contrast, the Pixelink SDK is a comprehensive development toolkit for Windows and Linux that enables developers to build custom applications with full camera control via C/C++, .NET, or Python. The SDK is available as a trial download, allowing users to evaluate its capabilities before purchasing a license. Links to software downloads (SDK and Capture) are available on the product pages.

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