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PL-D775-AF-ED Pixelink USB 3.0 Autofocus Monochrome Camera (Recertified 05-P)



Stock **#34-787-RCD-05P** RECERTIFIED **1 In Stock**

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1

+

C\$1,431^{.00}

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General	
PL-D775-AF-ED	Model Number:
Monochrome Camera	Type:
PL-D	Camera Series:
Pixelink	Manufacturer:

Physical & Mechanical Properties

55 x 38.5 x 27 (excludes connectors and lens mount)	Dimensions (mm):
35.8	Weight (g):
Full	Housing:

Sensor

15.0000000000	Frame Rate (fps):
ON Semi MT9P031	Imaging Sensor:
2.2 x 2.2	Pixel Size, H x V (µm):
2,592 x 1,944	Pixels (H x V):
5.7 x 4.28	Sensing Area, H x V (mm):
8/12 bit	Pixel Depth:
Rolling	Shutter Type:
Progressive Scan CMOS	Type of Sensor:
107µs - 2s	Exposure Time:
1/2.5"	Sensor Format:
60	Dynamic Range (dB):
Not Specified	Image Buffer:
5.0000000000	Resolution (Megapixels):
USB3 Vision v1.0	Machine Vision Standard:

Electrical

Not Specified	Power Consumption (W):
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Hardware & Interface Connectivity

USB 3.0, Micro-B with Screw Locks	Connector:
Power over USB	Power Supply:
Hardware Trigger (GPIO) or Software Trigger	Synchronization:
USB 3.0	Interface:
Back Panel	Interface Port Orientation:
1 opto-isolated trigger input, 1 opto-isolated output, 2 non-isolated outputs, 1 non-isolated input	GPIOs:
8-pin Hirose (HR25)	GPIO Connector Type:

Threading & Mounting

C-Mount	Mount:
1/4-20 with Tripod Mount Adapter #34-949	Mounting Threads:

Environmental & Durability Factors

0 to +50	Operating Temperature (°C):
-45 to +85	Storage Temperature (°C):

Regulatory Compliance

View	Certificate of Conformance:
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Product Details

- Seamless Integration of Liquid Lenses
- One-Push Autofocus, High Speed Focus Movement
- Easy to Use USB 3.0 Interface

Pixelink® USB 3.0 Autofocus Liquid Lens Cameras provide the ability to seamlessly integrate and control liquid lenses. By enabling the liquid lens to be directly connected to the camera, it allows for the camera to drive and control the liquid lens without the need of a separate driver to achieve fast, continuous focus control. This simple autofocus system makes these cameras ideal for high speed applications such as bar code reading, inspection, and biomedical applications. Pixelink® USB 3.0 Autofocus Liquid Lens Cameras are compatible with our [TECHSPEC® Liquid Lens Cx Series Fixed Focal Length Lenses](#), which combine high resolution image performance with built-in liquid lens integration.

To get started, choose a camera and find the appropriate Cx Lens Liquid Lens options listed under the Accessories section. These lenses are available in 12mm, 16mm, 25mm, 35mm, and 50mm focal lengths and are ready to mount to the Pixelink® USB 3.0 Autofocus Liquid Lens Cameras.

Note: Imaging lens with liquid lens sold separately. Choose one from Liquid Lens Cx Series Fixed Focal Length Lenses.

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.