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PL-D753MU-S-AFE-BL Monochrome Camera

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Pixelink® USB 3.0 Autofocus Liquid Lens Board Level Cameras

Stock #14-175 **1 In Stock**

1

€1.835^{,00}

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Qty	€1.835,00
1+	each
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Product Downloads	
Software	Software
EO Spec Sheet	

Spectrum: Monochrome

General

Type: Monochrome Camera

Model Number: PL-D753MU-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: 2/3"

Resolution (Megapixels): 2.80

Frame Rate (fps): 141.00

Pixels (H x V): 1,936 x 1,464

Pixel Size, H x V (µm): 4.5 x 4.5

Sensing Area, H x V (mm): 8.71 x 6.59

Imaging Sensor: Sony IMX421

Type of Sensor: Progressive Scan CMOS

Shutter Type: Global

Pixel Depth: 8/12 bit

Exposure Time: 10µs - 120s

Dynamic Range (dB): 72

Machine Vision Standard: USB3 Vision v1.0

Electrical

Power Consumption: Not Specified

(W):

Hardware & Interface Connectivity

Interface: USB 3.0

Connector: USB 3.0 Micro-

Power Supply: Power over USB

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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

Regulatory Compliance

RoHS 2015: **Compliant**

Reach 224: **Compliant**

Certificate of Conformance: **View**

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.

Accessories

Note: Compatible accessories for individual stock numbers may vary. If unsure about which accessories work with your products, please contact us [here](#).

	Title	Compare	Stock Number	Price	Buy
MORE+	6mm FL, Liquid Lens M12 Lens		#37-521	€440,00 Request Quote	13 In Stock <input type="text" value="1"/>
MORE+	Pixelink SDK Version 4		#58-179	€650,00 Request Quote	1 In Stock <input type="text" value="1"/>
MORE+	8mm FL, Liquid Lens M12 Lens		#37-522	€440,00 Request Quote	4 In Stock <input type="text" value="1"/>

	Title	Compare	Stock Number	Price	Buy
MORE+	12mm FL, Liquid Lens M12 Lens		#37-523	€440,00	20+ In Stock <input type="text" value="1"/>
MORE+	16mm FL, Liquid Lens M12 Lens				16 In Stock <input type="text" value="1"/>

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Frequently Purchased Together



#37-523 - 12mm FL, Liquid Lens M12 Lens
€440,00



#37-524 - 16mm FL, Liquid Lens M12 Lens
€440,00

Resources

Media Type

- Trending in Optics
- Application Note
- Video
- Published Article
- FAQ
- Glossary
- Technical Tool

↑ TRENDING IN OPTICS

Trending Liquid Lenses in Imagination

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Liquid Lens Features, Applications, and...

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Understanding Liquid Lens Technology

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