

PL-D7715CU-S-AFE-BL PixeLINK USB 3.0 Autofocus Color Camera



Pixelink® USB 3.0 Autofocus Liquid Lens Board Level Cameras

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+

€644³⁵

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SPECIFICATIONS

General

Color Camera	Type:
PL-D7715CU-S-AFE-BL	Model Number:

Pixelink	Manufacturer:
PL-D	Camera Series:
Color	Spectrum:
Physical & Mechanical Properties	
50.8 x 35 x 13.36 (excludes lens mount)	Dimensions (mm):
35.8	Weight (g):
Board Level	Housing:
Sensor	
Not Specified	Image Buffer:
1/2.3"	Sensor Format:
15.00	Resolution (Megapixels):
13.00	Frame Rate (fps):
4,608 x 3,288	Pixels (H x V):
1.4 x 1.4	Pixel Size, H x V (µm):
6.45 x 4.6	Sensing Area, H x V (mm):
ON Semi MT9F002	Imaging Sensor:
Progressive Scan CMOS	Type of Sensor:
Rolling	Shutter Type:
8/12 bit	Pixel Depth:
6µs - 5s	Exposure Time:
60.5	Dynamic Range (dB):
USB3 Vision v1.0	Machine Vision Standard:
Electrical	
Not Specified	Power Consumption (W):
Hardware & Interface Connectivity	
USB 3.0	Interface:
USB 3.0, Micro-B	Connector:
Power over USB	Power Supply:
1 opto-isolated trigger input, 2 non-isolated outputs, 1 non-isolated input	GPIOs:
Hardware Trigger (GPIO) or Software Trigger	Synchronization:
Side Panel	Interface Port Orientation:
8-pin Molex 1.25mm Pitch	GPIO Connector Type:
Software Driver: Windows 32 and 64 bit	Operating System:
Threading & Mounting	
S-Mbunt (M12 x 0.5)	Mount:
No Mounting Threads/Tripod Adapter	Mounting Threads:
Environmental & Durability Factors	

0 to +50	Operating Temperature (°C):
-45 to +85	Storage Temperature (°C):
Regulatory Compliance	
Compliant	RoHS 2015:
Compliant	Reach 223:
View	Certificate of Conformance:

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.