

[See all 13 Products in Family](#)

# PL-D7718CU-S-BL-AFE PixeLINK USB 3.0 Autofocus Color Board Level Camera



Pixelink® USB 3.0 Autofocus Liquid Lens Board Level Cameras

Stock **#21-081** 1 In Stock

-

1

+

€1.510<sup>00</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1+         | €1.510,00 each                |
| Need More?     | <a href="#">Request Quote</a> |

 Prices shown are exclusive of VAT/local taxes

**Note:** This item requires accessories for use | [Learn More](#)

## Product Downloads

Color

Spectrum:

## General

Color Camera

Type:

PL-D7718CU-S-BL-AFE

Model Number:

Manufacturer:

|                                                                         |                             |
|-------------------------------------------------------------------------|-----------------------------|
| Pixelink                                                                |                             |
| PL-D                                                                    | Camera Series:              |
| 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:              |
| 18.00                                                                   | Resolution (Megapixels):    |
| 14.00                                                                   | Frame Rate (fps):           |
| 4,912 x 3,680                                                           | Pixels (H x V):             |
| 1.25 x 1.25                                                             | Pixel Size, H x V (µm):     |
| 5.20 x 4.60                                                             | Sensing Area, H x V (mm):   |
| ON Semi AR1820                                                          | Imaging Sensor:             |
| Progressive Scan CMOS                                                   | Type of Sensor:             |
| Rolling                                                                 | Shutter Type:               |
| 8/12 bit                                                                | Pixel Depth:                |
| Not Specified                                                           | 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 non-isolated trigger or general-purpose input, 2 non-isolated outputs | GPIOs:                      |
| Hardware Trigger (GPIO) or Software Trigger                             | Synchronization:            |
| Side Panel                                                              | Interface Port Orientation: |
| 8-pin Molex 1.25mm Pitch                                                | GPIO Connector Type:        |
| Threading & Mounting                                                    |                             |
| S-Mount (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 224:                  |
|                       |                             |
| 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.