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# IDS U3-3276LE-C-HQ, USB 3.0, 1/1.8" Color Camera

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IDS Imaging uEye LE/XLE Camera (M12, Full Housing, Front View)



Stock **#24-108** **1 In Stock**

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-

1

+

£416<sup>.00</sup>

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Product Downloads

Color

Spectrum:

General

Color Camera

Type:

Model Number:

|                                                   |                             |
|---------------------------------------------------|-----------------------------|
| U3-3276LE-C-HQ                                    |                             |
| IDS Imaging Development Systems                   | Manufacturer:               |
|                                                   |                             |
| uEye+ LE                                          | Camera Series:              |
|                                                   |                             |
| Physical & Mechanical Properties                  |                             |
| 47 x 46 x 25 (excludes connectors and lens mount) | Dimensions (mm):            |
|                                                   |                             |
| 37                                                | Weight (g):                 |
|                                                   |                             |
| Full                                              | Housing:                    |
|                                                   |                             |
| Sensor                                            |                             |
| Not Specified                                     | Image Buffer:               |
|                                                   |                             |
| 1/1.8"                                            | Sensor Format:              |
|                                                   |                             |
| 3.15                                              | Resolution (Megapixels):    |
|                                                   |                             |
| 58.00                                             | Frame Rate (fps):           |
|                                                   |                             |
| 2,056 x 1,542                                     | Pixels (H x V):             |
|                                                   |                             |
| 3.45 x 3.45                                       | Pixel Size, H x V (µm):     |
|                                                   |                             |
| 7.093 x 5.32                                      | Sensing Area, H x V (mm):   |
|                                                   |                             |
| Sony IMX265                                       | Imaging Sensor:             |
|                                                   |                             |
| Progressive Scan CMOS                             | Type of Sensor:             |
|                                                   |                             |
| Global                                            | Shutter Type:               |
|                                                   |                             |
| 12 bit                                            | Pixel Depth:                |
|                                                   |                             |
| 0.025ms - 1900ms                                  | Exposure Time:              |
|                                                   |                             |
| 70.00                                             | Dynamic Range (dB):         |
|                                                   |                             |
| USB3 Vision                                       | Machine Vision Standard:    |
|                                                   |                             |
| Electrical                                        |                             |
| 1 - 2                                             | Power Consumption (W):      |
|                                                   |                             |
| Hardware & Interface Connectivity                 |                             |
| USB 3.0                                           | Interface:                  |
|                                                   |                             |
| USB Type-C                                        | Connector:                  |
|                                                   |                             |
| Power over USB                                    | Power Supply:               |
|                                                   |                             |
| N/A                                               | GPIOs:                      |
|                                                   |                             |
| Hardware Trigger (GPIO); Software Trigger         | Synchronization:            |
|                                                   |                             |
| Back Panel (Right Angle)                          | Interface Port Orientation: |
|                                                   |                             |
| No GPIO Connector Available                       | GPIO Connector Type:        |
|                                                   |                             |
| Threading & Mounting                              |                             |
| S-Mount (M12 x 0.5)                               | Mount:                      |
|                                                   |                             |
| 1/4-20 with Tripod Mount Adapter                  | Mounting Threads:           |
|                                                   | <a href="#">#16-017</a>     |
| Environmental & Durability Factors                |                             |
| 0 to +55                                          | Operating Temperature (°C): |
|                                                   |                             |
| -20 to +80                                        | Storage Temperature (°C):   |
|                                                   |                             |

| Regulatory Compliance            |                             |
|----------------------------------|-----------------------------|
| <a href="#">Exempt</a>           | RoHS 2015:                  |
| <a href="#">View</a>             | Certificate of Conformance: |
| <a href="#">Contains SVHC(s)</a> | REACH 241:                  |

## Product Details

- Up to 8.0MP Resolution with Framerates up to 230fps
- Board Level Options with C/CS-Mount or S-Mount Available
- GenICam USB3 Vision Compliant

IDS Imaging uEye LE/XLE USB3.1 Cameras utilize [IDS Imaging's peak SDK platform](#) that supports GeniCam and USB3 Vision standards for ease of software development and integration. These cameras are available in board-level or housed options with S-Mount or C/CS-Mount versions. The C/CS-Mount configurations come with a 5mm spacer to easily adapt between C-Mount and CS-Mount lenses. IDS Imaging uEye LE/XLE USB3.1 Cameras are ideal for small device construction, medical technology, robotics, and machine vision applications. With a compact design, the XLE version is suitable for integration into embedded systems whereas the LE version is suitable for small device projects.