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# IDS U3-3864LE-C-HQ-VU, USB 3.0, 1/2.8" Color Camera

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IDS Imaging uEye LE/XLE Camera (C/CS - Mount, Full Housing, Front View)



Stock **#78-136** [CONTACT US](#)

-1+

S\$603<sup>40</sup>

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| Color             |  | Spectrum:     |
|-------------------|--|---------------|
|                   |  |               |
| General           |  |               |
| Color Camera      |  | Type:         |
|                   |  |               |
| U3-3864LE-C-HQ-VU |  | Model Number: |
|                   |  |               |
|                   |  | Manufacturer: |

|                                                   |                             |
|---------------------------------------------------|-----------------------------|
| IDS Imaging Development Systems                   |                             |
| uEye+ LE                                          | Camera Series:              |
| Physical & Mechanical Properties                  |                             |
| 36 x 36 x 26 (excludes connectors and lens mount) | Dimensions (mm):            |
| 18                                                | Weight (g):                 |
| Board Level                                       | Housing:                    |
| Sensor                                            |                             |
| Not Specified                                     | Image Buffer:               |
| 1/2.8"                                            | Sensor Format:              |
| 2.12                                              | Resolution (Megapixels):    |
| 135.00                                            | Frame Rate (fps):           |
| 1,936 x 1,096                                     | Pixels (H x V):             |
| 2.90 x 2.90                                       | Pixel Size, H x V (µm):     |
| 5.61 x 3.175                                      | Sensing Area, H x V (mm):   |
| Sony IMX290                                       | Imaging Sensor:             |
| Progressive Scan CMOS                             | Type of Sensor:             |
| Rolling                                           | Shutter Type:               |
| 12 bit                                            | Pixel Depth:                |
| 0.011ms - 1649ms                                  | Exposure Time:              |
| 72.00                                             | Dynamic Range (dB):         |
| USB3 Vision                                       | Machine Vision Standard:    |
| Electrical                                        |                             |
| 1 - 1.5                                           | Power Consumption (W):      |
| Hardware & Interface Connectivity                 |                             |
| USB 3.0                                           | Interface:                  |
| USB Type-C                                        | Connector:                  |
| Power over USB                                    | Power Supply:               |
| 10-pin Wuerth connector (WR-WTB 1.00 mm)          | GPIO Connector Type:        |
| Threading & Mounting                              |                             |
| C/CS-Mount                                        | Mount:                      |
| Environmental & Durability Factors                |                             |
| 0 to +55                                          | Operating Temperature (°C): |
| -20 to +80                                        | Storage Temperature (°C):   |
| Regulatory Compliance                             |                             |
| View                                              | Certificate of Conformance: |

## 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.

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