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# IDS U3-3271LE-C-HQ-VU, USB 3.0, 1/1.8" Color Camera

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



Stock **#78-126** [CONTACT US](#)

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MRP ₹71,980

 Price inclusive of all taxes

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| Color             |  | Spectrum:     |
| Color Camera      |  | Type:         |
| U3-3271LE-C-HQ-VU |  | Model Number: |

|                                                                               |                             |
|-------------------------------------------------------------------------------|-----------------------------|
| IDS Imaging Development Systems                                               | Manufacturer:               |
| uEye+ LE                                                                      | Camera Series:              |
| Physical & Mechanical Properties                                              |                             |
| 36 x 36 x 26 (excludes connectors and lens mount)                             | Dimensions (mm):            |
| 16                                                                            | Weight (g):                 |
| Board Level                                                                   | Housing:                    |
| Sensor                                                                        |                             |
| Not Specified                                                                 | Image Buffer:               |
| 1/1.8"                                                                        | Sensor Format:              |
| 3.17                                                                          | 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:               |
| 10-pin Wuerth connector (WR-WTB 1.00 mm)                                      | GPIO Connector Type:        |
| Threading & Mounting                                                          |                             |
| S-Mount (M12 x 0.5)                                                           | Mount:                      |
| Environmental & Durability Factors                                            |                             |
| 0 to +55                                                                      | Operating Temperature (°C): |
| -20 to +80                                                                    | Storage Temperature (°C):   |
| Regulatory Compliance                                                         |                             |
| <a href="#">View</a>                                                          | Certificate of Conformance: |
| Germany                                                                       | Country of Origin:          |
| Edmund Optics India Private Limited<br>267, Greystone Building, Second Floor, | Imported By:                |

## Product Details

- Up to 8.0MP Resolution with Framerrates 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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