

# IDS U3-3270LE-C-HQ, USB 3.0, 1/1.8" Color Camera

See More by [IDS Imaging Development Systems](#)



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



Stock **#24-106** 1 In Stock

[Similar Cameras](#)

-

1

+

S\$656<sup>.85</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1+         | S\$656.85 each                |
| Need More?     | <a href="#">Request Quote</a> |

Product Downloads

## SPECIFICATIONS

General

Color Camera

Type:

|                                                          |                             |
|----------------------------------------------------------|-----------------------------|
| U3-3270LE-C-HQ                                           | Model Number:               |
| IDS Imaging Development Systems                          | Manufacturer:               |
| uEye+ LE                                                 | Camera Series:              |
| Color                                                    | Spectrum:                   |
| Physical & Mechanical Properties                         |                             |
| 47 x 46 x 23.9 (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                                     |                             |
| C/CS-Mount                                               | Mount:                      |
| 1/4-20 with Tripod Mount Adapter <a href="#">#16-017</a> | Mounting Threads:           |
| Environmental & Durability Factors                       |                             |

|                       |                             |
|-----------------------|-----------------------------|
| 0 to +55              | Operating Temperature (°C): |
| -20 to +80            | Storage Temperature (°C):   |
| Regulatory Compliance |                             |
| Exempt                | RoHS 2015:                  |
| View                  | Certificate of Conformance: |
| Contains SVHC(s)      | REACH 241:                  |

## 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.