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# IDS U3-3886LE-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)



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1

+

€388<sup>,00</sup>

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Product Downloads

Color

Spectrum:

General

Color Camera

Type:

Model Number:

|                                                          |                             |
|----------------------------------------------------------|-----------------------------|
| U3-3886LE-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):            |
| 36                                                       | Weight (g):                 |
| Full                                                     | Housing:                    |
| Sensor                                                   |                             |
| Not Specified                                            | Image Buffer:               |
| 1/1.8"                                                   | Sensor Format:              |
| 6.41                                                     | Resolution (Megapixels):    |
| 54.00                                                    | Frame Rate (fps):           |
| 3,088 x 2,076                                            | Pixels (H x V):             |
| 2.40 x 2.40                                              | Pixel Size, H x V (µm):     |
| 7.411 x 4.982                                            | Sensing Area, H x V (mm):   |
| Sony IMX178                                              | Imaging Sensor:             |
| Progressive Scan CMOS                                    | Type of Sensor:             |
| Rolling                                                  | Shutter Type:               |
| 12 bit                                                   | Pixel Depth:                |
| 0.014ms - 1090ms                                         | Exposure Time:              |
| 71.00                                                    | 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:               |
| 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 <a href="#">#16-017</a> | Mounting Threads:           |
| 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.