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# IDS U3-38J4XLS-M-GL, USB 3.0, 1/2.8" Monochrome Board Level Camera

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Pictured is an example of an IDS Board Level Camera (Front)



Stock **#78-246** [CONTACT US](#)

-

1

+

€284<sup>00</sup>

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ⓘ Prices shown are exclusive of VAT/local taxes

|            |           |
|------------|-----------|
| Monochrome | Spectrum: |
|------------|-----------|

General

|                                 |                |
|---------------------------------|----------------|
| Monochrome Camera               | Type:          |
| U3-38J4XLS-M-GL                 | Model Number:  |
| IDS Imaging Development Systems | Manufacturer:  |
| uEye+ XLS                       | Camera Series: |

Physical & Mechanical Properties

|                                                       |                  |
|-------------------------------------------------------|------------------|
| 32.5 x 32.5 x 14 (excludes connectors and lens mount) | Dimensions (mm): |
| 20                                                    | Weight (g):      |
| Board Level                                           | Housing:         |

Sensor

|                       |                           |
|-----------------------|---------------------------|
| Not Specified         | Image Buffer:             |
| 1/2.8"                | Sensor Format:            |
| 8.41                  | Resolution (Megapixels):  |
| 25.00                 | Frame Rate (fps):         |
| 3,864 x 2,176         | Pixels (H x V):           |
| 1.45 x 1.45           | Pixel Size, H x V (µm):   |
| 5.603 x 3.155         | Sensing Area, H x V (mm): |
| Sony IMX415           | Imaging Sensor:           |
| Progressive Scan CMOS | Type of Sensor:           |
| Rolling               | Shutter Type:             |
| 12 bit                | Pixel Depth:              |
| 0.016ms - 2000ms      | Exposure Time:            |
| 66.00                 | Dynamic Range (dB):       |
| USB3 Vision           | Machine Vision Standard:  |

Electrical

|         |                        |
|---------|------------------------|
| 0.5 - 1 | Power Consumption (W): |
|---------|------------------------|

Hardware & Interface Connectivity

|                 |                      |
|-----------------|----------------------|
| USB 3.0         | Interface:           |
| USB 3.0 micro-B | Connector:           |
| Power over USB  | Power Supply:        |
| 8-pin connector | 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

|                      |                             |
|----------------------|-----------------------------|
| <a href="#">View</a> | Certificate of Conformance: |
|----------------------|-----------------------------|

## Product Details

- Standard (SE), Compact (CP), and Ultra Compact (XCP) Housing Options Available
- C-Mount with Large Format CMOS Sensors up to 1.1"
- Up to 20.44MP Resolution with Framerrates up to 396fps

IDS Imaging uEye CP/XCP/SE USB3 Cameras utilize [IDS Imaging's peak SDK platform](#) that supports GeniCam and USB3 Vision standards for easy software development and integration. The CP cameras are the industry standard size of 29 x 29 x 29mm and work for almost any application. The XCP cameras have an ultra-compact size of 29 x 29 x 17mm and are an excellent option for price-sensitive, single-camera applications. The SE cameras have a larger housing size of 34 x 44 x 47mm to allow for exceptional heat management and are ideal for noise and heat-sensitive applications. IDS Imaging uEye CP/XCP/SE USB3 Cameras are ideal for manufacturing, industrial, and automation applications.