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# IDS U3-38C0XCP-C-HQ, USB 3.0, 1/2.8" Color Camera

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IDS Imaging uEye+ USB3 Cameras



Stock **#78-273** [CONTACT US](#)

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+

C\$392<sup>00</sup>

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|-----------------|--|---------------|
| Color           |  | Spectrum:     |
| General         |  |               |
| Color Camera    |  | Type:         |
| U3-38C0XCP-C-HQ |  | Model Number: |
|                 |  | Manufacturer: |

|                                                   |                             |
|---------------------------------------------------|-----------------------------|
| IDS Imaging Development Systems                   |                             |
| uEye+ XCP                                         | Camera Series:              |
| Physical & Mechanical Properties                  |                             |
| 29 x 29 x 17 (excludes connectors and lens mount) | Dimensions (mm):            |
| 59                                                | Weight (g):                 |
| Full                                              | Housing:                    |
| Sensor                                            |                             |
| Not Specified                                     | Image Buffer:               |
| 1/2.8"                                            | Sensor Format:              |
| 2.16                                              | Resolution (Megapixels):    |
| 88.00                                             | Frame Rate (fps):           |
| 1,936 x 1,096                                     | Pixels (H x V):             |
| 2.90 x 2.90                                       | Pixel Size, H x V (µm):     |
| 5.614 x 3.178                                     | Sensing Area, H x V (mm):   |
| Sony IMX662                                       | Imaging Sensor:             |
| Progressive Scan CMOS                             | Type of Sensor:             |
| Rolling                                           | Shutter Type:               |
| 12 bit                                            | Pixel Depth:                |
| 0.009ms - 2000ms                                  | Exposure Time:              |
| 74.00                                             | Dynamic Range (dB):         |
| USB3 Vision                                       | Machine Vision Standard:    |
| Electrical                                        |                             |
| 0.5 - 1.2                                         | Power Consumption (W):      |
| Hardware & Interface Connectivity                 |                             |
| USB 3.0                                           | Interface:                  |
| USB 3.0 micro-B, screwable                        | Connector:                  |
| Power over USB                                    | Power Supply:               |
| 8-pin connector                                   | GPIO Connector Type:        |
| Threading & Mounting                              |                             |
| C-Mount                                           | Mount:                      |
| Environmental & Durability Factors                |                             |
| 0 to +55                                          | Operating Temperature (°C): |
| -20 to +60                                        | Storage Temperature (°C):   |
| Regulatory Compliance                             |                             |
| View                                              | 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.

## Calibration Services

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