

[See all 104 Products in Family](#)

# IDS U3-3990CP-C-HQ, USB 3.0, 1.1" Color Camera

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



IDS Imaging uEye+ USB3 Cameras



Stock **#73-669** **1 In Stock**

-

1

+

A\$3,736<sup>00</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1+         | A\$3,736.00 each              |
| Need More?     | <a href="#">Request Quote</a> |

Product Downloads

| Color          |  | Spectrum:     |
|----------------|--|---------------|
|                |  |               |
| General        |  |               |
| Color Camera   |  | Type:         |
|                |  |               |
| U3-3990CP-C-HQ |  | Model Number: |
|                |  |               |
|                |  | Manufacturer: |

|                                                                       |                             |
|-----------------------------------------------------------------------|-----------------------------|
| IDS Imaging Development Systems                                       |                             |
| uEye+ CP                                                              | Camera Series:              |
| Physical & Mechanical Properties                                      |                             |
| Dimensions (mm):<br>29 x 29 x 29 (excludes connectors and lens mount) |                             |
| 46                                                                    | Weight (g):                 |
| Housing:<br>Full                                                      |                             |
| Sensor                                                                |                             |
| 128MB                                                                 | Image Buffer:               |
| 1.1"                                                                  | Sensor Format:              |
| 20.36                                                                 | Resolution (Megapixels):    |
| 19.00                                                                 | Frame Rate (fps):           |
| 4,512 x 4,512                                                         | Pixels (H x V):             |
| 2.74 x 2.74                                                           | Pixel Size, H x V (µm):     |
| 12.363 x 12.363                                                       | Sensing Area, H x V (mm):   |
| Sony IMX541                                                           | Imaging Sensor:             |
| Progressive Scan CMOS                                                 | Type of Sensor:             |
| Global                                                                | Shutter Type:               |
| 12 bit                                                                | Pixel Depth:                |
| 0.042ms - 2000ms                                                      | Exposure Time:              |
| 70.00                                                                 | Dynamic Range (dB):         |
| USB3 Vision                                                           | Machine Vision Standard:    |
| Electrical                                                            |                             |
| 2.7 - 4.4                                                             | Power Consumption (W):      |
| Hardware & Interface Connectivity                                     |                             |
| USB 3.0                                                               | Interface:                  |
| USB 3.0 micro-B, screwable                                            | Connector:                  |
| Power over USB                                                        | Power Supply:               |
| 8-pin Hirose connector (HR25-7TR-8PA(73))                             | GPIO Connector Type:        |
| Threading & Mounting                                                  |                             |
| C-Mount                                                               | Mount:                      |
| 1/4-20 with Tripod Mount Adapter <a href="#">#35-088</a>              | Mounting Threads:           |
| Environmental & Durability Factors                                    |                             |
| 0 to +55                                                              | Operating Temperature (°C): |
| -20 to +60                                                            | 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.