

[See all 103 Products in Family](#)

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

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



IDS Imaging uEye+ USB3 Camera, SE Model (Front)



Stock **#24-140** **3 In Stock**

-

1

+

£2,004<sup>00</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1+         | £2,004.00 each                |
| Need More?     | <a href="#">Request Quote</a> |

**i** Prices shown are exclusive of VAT/local taxes

| Product Downloads |               |
|-------------------|---------------|
|                   |               |
| Color             | Spectrum:     |
| General           |               |
| Color Camera      | Type:         |
| U3-3990SE-C-HQ    | Model Number: |

|                                                                     |                             |
|---------------------------------------------------------------------|-----------------------------|
| IDS Imaging Development Systems                                     | Manufacturer:               |
| uEye+ SE                                                            | Camera Series:              |
| Physical & Mechanical Properties                                    |                             |
| 34 x 44 x 47 (excludes connectors and lens mount)                   | Dimensions (mm):            |
| 110                                                                 | Weight (g):                 |
| Full                                                                | Housing:                    |
| Sensor                                                              |                             |
| 128MB                                                               | Image Buffer:               |
| 1.1"                                                                | Sensor Format:              |
| 20.30                                                               | 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:                |
| 0.013ms - 2000ms                                                    | Exposure Time:              |
| 70.00                                                               | Dynamic Range (dB):         |
| USB3 Vision                                                         | Machine Vision Standard:    |
| Electrical                                                          |                             |
| 1.9 - 5.8                                                           | Power Consumption (W):      |
| Hardware & Interface Connectivity                                   |                             |
| USB 3.0                                                             | Interface:                  |
| USB Type-C, screwable                                               | Connector:                  |
| Power over USB                                                      | Power Supply:               |
| 2 Flash Output, 2 Trigger Input, 2 GPIO, 1 Voltage Output, 1 Ground | GPIOs:                      |
| Hardware Trigger (GPIO); Software Trigger                           | Synchronization:            |
| Back Panel                                                          | Interface Port Orientation: |
| 8-pin Hirose connector (HR25-7TR-8PA(73))                           | GPIO Connector Type:        |
| Threading & Mounting                                                |                             |
| C-Mount                                                             | Mount:                      |
| ¼-20 with Tripod Mount Adapter <a href="#">#16-017</a>              | Mounting Threads:           |
| Environmental & Durability Factors                                  |                             |
| 0 to +55                                                            | Operating Temperature (°C): |
| -20 to +60                                                          | 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

- 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.