

# IDS Imaging U3-3990SE-M-GL 1.1" Monochrome USB3 Camera

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



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



Stock **#24-141** 3-4 DAYS



1



£2,320.50

ADD TO CART

Qty 1+

£2,320.50

Volume Pricing

[Request Quote](#)

 Prices shown are exclusive of VAT/local taxes

Get Product Downloads

**Video Output:**  
USB 3.0

**Type:**  
Monochrome Camera

**Manufacturer:**  
IDS Imaging

|                                                                                      |
|--------------------------------------------------------------------------------------|
| <b>Mounting Threads:</b><br>¼-20 with Tripod Mount Adapter <a href="#">#16-017</a>   |
| <b>Image Buffer:</b><br>128MB                                                        |
| <b>Camera Family:</b><br>uEye SE                                                     |
| <b>Model Number:</b><br>U3-3990SE-M-GL Rev.1.2                                       |
| <b>Imaging Sensor:</b><br>Sony IMX541                                                |
| <b>Type of Sensor:</b><br>Progressive Scan CMOS                                      |
| <b>Type of Shutter:</b><br>Global                                                    |
| <b>Camera Sensor Format:</b><br>1.1"                                                 |
| <b>Resolution (MegaPixels):</b><br>20.30                                             |
| <b>Pixels (H x V):</b><br>4,512 x 4,512                                              |
| <b>Pixel Size, H x V (µm):</b><br>2.74 x 2.74                                        |
| <b>Sensing Area, H x V (mm):</b><br>12.36 x 12.36                                    |
| <b>Frame Rate (fps):</b><br>19.00                                                    |
| <b>Pixel Depth:</b><br>12 bit                                                        |
| <b>Exposure Time:</b><br>13µs - 2s                                                   |
| <b>Connector:</b><br>USB Type-C                                                      |
| <b>Power Supply:</b><br>Power over USB                                               |
| <b>Power Consumption (W):</b><br>1.9 - 5.8                                           |
| <b>GPIOs:</b><br>2 Flash Output, 2 Trigger Input, 2 GPIO, 1 Voltage Output, 1 Ground |
| <b>Synchronization:</b><br>Hardware Trigger (GPIO); Software Trigger                 |
| <b>Dimensions (mm):</b><br>34 x 44 x 47 (excludes connectors and lens mount)         |
| <b>Weight (g):</b><br>110                                                            |
| <b>Mount:</b><br>C-Mount                                                             |
| <b>Housing:</b><br>Full                                                              |
| <b>Interface Port Orientation:</b><br>Back Panel                                     |
| <b>Dynamic Range (dB):</b><br>Not Specified                                          |
| <b>Operating Temperature (°C):</b><br>0 to +55                                       |
| <b>Storage Temperature (°C):</b><br>-20 to +60                                       |
| <b>GPIO Connector Type:</b><br>8-pin Hirose (HR25)                                   |
| <b>Machine Vision Standard:</b><br>USB3 Vision v1.1                                  |

## Regulatory Compliance

|                                                            |
|------------------------------------------------------------|
| <b>RoHS 2015:</b><br><a href="#">Exempt</a>                |
| <b>Certificate of Conformance:</b><br><a href="#">View</a> |