

## 1500-1600nm NIR CCD USB 2.0 Camera



Stock **#87-094** CLEARANCE CONTACT US

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**S\$3,945.38**

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**Video Output:**  
USB 2.0

**Type:**  
NIR Camera

**Mounting Threads:**  
1/4-20 with Tripod Munt Adapter [#88-210](#)

**Image Buffer:**  
Not Specified

|                                                                                |
|--------------------------------------------------------------------------------|
| <b>Imaging Sensor:</b><br>Sony ICX445                                          |
| <b>Type of Sensor:</b><br>Progressive Scan CCD                                 |
| <b>Type of Shutter:</b><br>Global                                              |
| <b>Camera Sensor Format:</b><br>1/3"                                           |
| <b>Resolution (MegaPixels):</b><br>1.20                                        |
| <b>Pixels (H x V):</b><br>1,296 x 964                                          |
| <b>Pixel Size, H x V (µm):</b><br>3.75 x 3.75                                  |
| <b>Sensing Area, H x V (mm):</b><br>4.86 x 3.62                                |
| <b>Frame Rate (fps):</b><br>18.00                                              |
| <b>Pixel Depth:</b><br>8/16 bit                                                |
| <b>Exposure Time:</b><br>10µs - 10s                                            |
| <b>Connector:</b><br>USB 2.0, Type Mini-B                                      |
| <b>Power Supply:</b><br>Power over USB                                         |
| <b>Power Consumption (W):</b><br>2                                             |
| <b>GPIOs:</b><br>2 non-isolated bi-directional ports                           |
| <b>Synchronization:</b><br>Hardware Trigger (GPIO) or Software Trigger         |
| <b>Dimensions (mm):</b><br>44 x 41 x 25.5 (excludes connectors and lens mount) |
| <b>Weight (g):</b><br>37 with Tripod Bracket                                   |
| <b>Mount:</b><br>C/CS-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 +45                                 |
| <b>Storage Temperature (°C):</b><br>-30 to +60                                 |
| <b>GPIO Connector Type:</b><br>7-pin JST                                       |

## Regulatory Compliance

|                                                            |
|------------------------------------------------------------|
| <b>Reach 191:</b><br><a href="#">Compliant</a>             |
| <b>RoHS 2015:</b><br><a href="#">Compliant</a>             |
| <b>Certificate of Conformance:</b><br><a href="#">View</a> |