

# Oryx® ORX-10GS-32S4C-C Color 10GigE

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Stock #19-797 3-4 DAYS

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**Video Output:**  
10GigE

**Type:**  
Color Camera

**Manufacturer:**  
FLIR

**Mounting Threads:**

1/4-20 with Tripod Mount Adapter [#19-804](#)

|                                                                                                                                                                                                                                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Image Buffer:</b><br>240MB                                                                                                                                                                                                     |
| <b>Camera Family:</b><br>Oryx®                                                                                                                                                                                                    |
| <b>Model Number:</b><br>ORX-10GS-32S4C-C                                                                                                                                                                                          |
| <b>Imaging Sensor:</b><br>Sony IMX252                                                                                                                                                                                             |
| <b>Type of Sensor:</b><br>Progressive Scan CMOS                                                                                                                                                                                   |
| <b>Type of Shutter:</b><br>Global                                                                                                                                                                                                 |
| <b>Camera Sensor Format:</b><br>1/1.8"                                                                                                                                                                                            |
| <b>Resolution (MegaPixels):</b><br>3.20                                                                                                                                                                                           |
| <b>Pixels (H x V):</b><br>2,048 x 1,536                                                                                                                                                                                           |
| <b>Pixel Size, H x V (µm):</b><br>3.45 x 3.45                                                                                                                                                                                     |
| <b>Sensing Area, H x V (mm):</b><br>7.07 x 5.3                                                                                                                                                                                    |
| <b>Frame Rate (fps):</b><br>216.00                                                                                                                                                                                                |
| <b>Pixel Depth:</b><br>8/10/12 bit                                                                                                                                                                                                |
| <b>Exposure Time:</b><br>17µs - 30s                                                                                                                                                                                               |
| <b>Connector:</b><br>GigE interface with Screw Locks                                                                                                                                                                              |
| <b>Power Supply:</b><br>Power Supply Required and Sold Separately.<br>USA: <a href="#">#19-803</a><br>Europe: <a href="#">#19-803</a><br>Japan: <a href="#">#19-803</a><br>Korea: Not Available<br>China: <a href="#">#19-803</a> |
| <b>Power Consumption (W):</b><br>11.8                                                                                                                                                                                             |
| <b>GPIOs:</b><br>2 opto-isloated inputs, 2 opto-isolated outputs, 2 non-isolated bi-directional                                                                                                                                   |
| <b>Synchronization:</b><br>Hardware Trigger (GPIO) or Software Trigger                                                                                                                                                            |
| <b>Dimensions (mm):</b><br>60 x 60 x 64                                                                                                                                                                                           |
| <b>Weight (g):</b><br>386                                                                                                                                                                                                         |
| <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>71.89                                                                                                                                                                                               |
| <b>Operating Temperature (°C):</b><br>0 to +70                                                                                                                                                                                    |
| <b>Storage Temperature (°C):</b><br>-30 to +60                                                                                                                                                                                    |
| <b>GPIO Connector Type:</b><br>12-pin Hirose (HR10)                                                                                                                                                                               |
| <b>Machine Vision Standard:</b><br>GigE Vision                                                                                                                                                                                    |

Regulatory Compliance

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