

# LUCID Vision Labs Triton™ TRI124S-CC, Sony IMX545, 12.3MP, Color Camera

See More by [LUCID Vision Labs™](#)



LUCID Vision Labs Triton™ Power over Ethernet (PoE) Cameras



Stock **#18-479** 3-4 DAYS

[Similar Cameras](#)

- 1 + **€1.472,00**

ADD TO CART

Qty 1+

€1.472,00

Volume Pricing

[Request Quote](#)

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

Get Product Downloads

**Video Output:**  
GigE (PoE)

**Type:**  
Color Camera

**Manufacturer:**  
Lucid Vision Labs

|                                                                                                                                                                                                                                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Mounting Threads:</b><br>¼-20 with Tripod Mount Adapter <a href="#">#11-474</a>                                                                                                                                                |
| <b>Image Buffer:</b><br>128MB                                                                                                                                                                                                     |
| <b>Camera Family:</b><br>Triton™                                                                                                                                                                                                  |
| <b>Model Number:</b><br>TRI124S-CC                                                                                                                                                                                                |
| <b>Imaging Sensor:</b><br>Sony IMX545                                                                                                                                                                                             |
| <b>Type of Sensor:</b><br>Progressive Scan CMOS                                                                                                                                                                                   |
| <b>Type of Shutter:</b><br>Global                                                                                                                                                                                                 |
| <b>Camera Sensor Format:</b><br>1/1.1"                                                                                                                                                                                            |
| <b>Resolution (MegaPixels):</b><br>12.30                                                                                                                                                                                          |
| <b>Pixels (H x V):</b><br>4,096 x 3,000                                                                                                                                                                                           |
| <b>Pixel Size, H x V (µm):</b><br>2.74 x 2.74                                                                                                                                                                                     |
| <b>Sensing Area, H x V (mm):</b><br>11.22 x 8.22                                                                                                                                                                                  |
| <b>Frame Rate (fps):</b><br>9.00                                                                                                                                                                                                  |
| <b>Pixel Depth:</b><br>12 bit                                                                                                                                                                                                     |
| <b>Exposure Time:</b><br>35.50µs - 10s                                                                                                                                                                                            |
| <b>Connector:</b><br>GigE, M12                                                                                                                                                                                                    |
| <b>Power Supply:</b><br>Power Supply Required and Sold Separately:<br>USA: <a href="#">#18-364</a><br>Europe: <a href="#">#18-364</a><br>Japan: <a href="#">#18-364</a><br>Korea: Not Available<br>China: <a href="#">#18-364</a> |
| <b>Power Consumption (W):</b><br>2.5 (External Power Supply)<br>3.1 (PoE)                                                                                                                                                         |
| <b>GPIOs:</b><br>1 opto-isolated input, 1 opto-isolated output, 2 non-isolated bi-directional ports                                                                                                                               |
| <b>Synchronization:</b><br>Hardware Trigger (GPIO), Software Trigger, or PTP (IEEE 1588)                                                                                                                                          |
| <b>Dimensions (mm):</b><br>29 x 29 x 45 (excludes connectors and lens mount)                                                                                                                                                      |
| <b>Weight (g):</b><br>67                                                                                                                                                                                                          |
| <b>Mount:</b><br>C-Mount                                                                                                                                                                                                          |
| <b>Housing:</b><br>Full                                                                                                                                                                                                           |
| <b>Interface Port Orientation:</b><br>Back Panel                                                                                                                                                                                  |
| <b>Operating Temperature (°C):</b><br>-20 to +55                                                                                                                                                                                  |
| <b>Storage Temperature (°C):</b><br>-30 to +60                                                                                                                                                                                    |
| <b>GPIO Connector Type:</b><br>8-pin M8                                                                                                                                                                                           |
| <b>Machine Vision Standard:</b><br>GigE Vision v2.0                                                                                                                                                                               |

## Regulatory Compliance

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