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## LUCID Vision Labs Triton2™ 2.5GigE Power over Ethernet (PoE) Cameras

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- 2.5GBASE-T (2.5GigE) Ethernet Interface
- 5.0 to 24.50 MegaPixel Sensors
- Compact 44 x 29 x 45.3mm Form Factor
- IP67 Protection with Optional Lens Tubes

Common Specifications

| General                                                                                   |  |                                                                                                                                                                                                                         |  |
|-------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Manufacturer: Lucid Vision Labs                                                           |  | Camera Series: Triton2™                                                                                                                                                                                                 |  |
| Physical & Mechanical Properties                                                          |  |                                                                                                                                                                                                                         |  |
| Dimensions (mm): 44.0 x 29.0 x 45.3 (excludes connectors and lens mount)                  |  | Weight (g): 90                                                                                                                                                                                                          |  |
| Housing: Full                                                                             |  |                                                                                                                                                                                                                         |  |
| Sensor                                                                                    |  |                                                                                                                                                                                                                         |  |
| Type of Sensor:                                                                           |  | Progressive Scan CMOS                                                                                                                                                                                                   |  |
| Machine Vision Standard:                                                                  |  | GigE Vision v2.0                                                                                                                                                                                                        |  |
| Hardware & Interface Connectivity                                                         |  |                                                                                                                                                                                                                         |  |
| Interface: 2.5GigE (PoE)                                                                  |  |                                                                                                                                                                                                                         |  |
| Connector: 2.5GigE, GigE, M12                                                             |  | Power Supply: Power Supply Required and Sold Separately:<br>USA: <a href="#">#18-364</a><br>Europe: <a href="#">#18-365</a><br>Japan: <a href="#">#18-364</a><br>Korea: Not Available<br>China: <a href="#">#18-365</a> |  |
| GPIOs: 1 opto-isolated input, 1 opto-isolated output, 2 non-isolated bi-directional ports |  | Synchronization: Hardware Trigger (GPIO), Software Trigger, or PTP (IEEE 1588)                                                                                                                                          |  |
| Interface Port Orientation: Back Panel                                                    |  | GPIO Connector Type: 8-pin M8                                                                                                                                                                                           |  |
| Threading & Mounting                                                                      |  |                                                                                                                                                                                                                         |  |
| Mount: C-Mount                                                                            |  |                                                                                                                                                                                                                         |  |
| Environmental & Durability Factors                                                        |  |                                                                                                                                                                                                                         |  |
| Operating Temperature (°C):                                                               |  | -20 to +55                                                                                                                                                                                                              |  |
| Storage Temperature (°C):                                                                 |  | -30 to +60                                                                                                                                                                                                              |  |

**Technical Information**

## Products

| Type              | Model Number | Sensor Format | Resolution (Megapixels) | Connector          | Mount   | Stock Number            | Price     | Buy        |
|-------------------|--------------|---------------|-------------------------|--------------------|---------|-------------------------|-----------|------------|
| Monochrome Camera | TRT200S-MC   | 1"            | 20.00                   | 2.5GigE, GigE, M12 | C-Mount | <a href="#">#28-878</a> | €780,00   | 1 In Stock |
| Color Camera      | TRT200S-CC   | 1"            | 20.00                   | 2.5GigE, GigE, M12 | C-Mount | <a href="#">#28-879</a> | €780,00   | 2 In Stock |
| Monochrome Camera | TRT245S-MC   | 1.2"          | 24.50                   | 2.5GigE, GigE, M12 | C-Mount | <a href="#">#28-874</a> | €2.420,00 | 1 In Stock |
| Color Camera      | TRT245S-CC   | 1.2"          | 24.50                   | 2.5GigE, GigE, M12 | C-Mount | <a href="#">#28-875</a> | €2.420,00 | 4 In Stock |
| Monochrome Camera | TRT204S-MC   | 1.1"          | 20.40                   | 2.5GigE, GigE, M12 | C-Mount | <a href="#">#28-876</a> | €2.165,00 | 2 In Stock |
| Color Camera      | TRT204S-CC   | 1.1"          | 20.40                   | 2.5GigE, GigE, M12 | C-Mount | <a href="#">#28-877</a> | €2.165,00 | 1 In Stock |
| Monochrome Camera | TRT162S-MC   | 1.1"          | 16.20                   | 2.5GigE, GigE, M12 | C-Mount | <a href="#">#28-880</a> | €1.700,00 | 1 In Stock |
| Color Camera      | TRT162S-CC   | 1.1"          | 16.20                   | 2.5GigE, GigE, M12 | C-Mount | <a href="#">#28-881</a> | €1.700,00 | Contact Us |
| Monochrome Camera | TRT124S-MC   | 1/1.1"        | 13.20                   | 2.5GigE, GigE, M12 | C-Mount | <a href="#">#28-882</a> | €1.290,00 | 1 In Stock |
| Color Camera      | TRT124S-CC   | 1/1.1"        | 13.20                   | 2.5GigE, GigE, M12 | C-Mount | <a href="#">#28-883</a> | €1.290,00 | Contact Us |
| Monochrome Camera | TRT081S-MC   | 2/3"          | 8.10                    | 2.5GigE, GigE, M12 | C-Mount | <a href="#">#28-884</a> | €1.060,00 | Contact Us |
| Color Camera      | TRT081S-CC   | 2/3"          | 8.10                    | 2.5GigE, GigE, M12 | C-Mount | <a href="#">#28-885</a> | €1.060,00 | Contact Us |
| Monochrome Camera | TRT051S-MC   | 1/1.8"        | 5.00                    | 2.5GigE, GigE, M12 | C-Mount | <a href="#">#28-886</a> | €820,00   | Contact Us |
| Color Camera      | TRT051S-CC   | 1/1.8"        | 5.00                    | 2.5GigE, GigE, M12 | C-Mount | <a href="#">#28-887</a> | €820,00   | 1 In Stock |

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|-------------------|------------|--------|------|--------------------|---------|-------------------------|-----------|------------|
| Event Camera      | TRT003S-EC | 1/4.5" | 0.30 | 2.5GigE, GigE, M12 | C-Mount |                         | €995,00   | Contact Us |
| Event Camera      | TRT009S-EC | 1/2.5" | 0.90 | 2.5GigE, GigE, M12 | C-Mount | <a href="#">#72-913</a> | €1.495,00 | Contact Us |
| Color Camera      | TRT016S-CC | 1/2.9" | 1.60 | 2.5GigE, GigE, M12 | C-Mount | <a href="#">#72-914</a> | €505,00   | 2 In Stock |
| Monochrome Camera | TRT016S-MC | 1/2.9" | 1.60 | 2.5GigE, GigE, M12 | C-Mount | <a href="#">#72-915</a> | €505,00   | Contact Us |
| Color Camera      | TRT023S-CC | 1/2.3" | 2.30 | 2.5GigE, GigE, M12 | C-Mount | <a href="#">#72-916</a> | €580,00   | 2 In Stock |
| Monochrome Camera | TRT023S-MC | 1/2.3" | 2.30 | 2.5GigE, GigE, M12 | C-Mount | <a href="#">#72-917</a> | €580,00   | Contact Us |
| Color Camera      | TRT024G-CC | 1/1.7" | 2.40 | 2.5GigE, GigE, M12 | C-Mount | <a href="#">#72-918</a> | €655,00   | 1 In Stock |
| Monochrome Camera | TRT024G-MC | 1/1.7" | 2.40 | 2.5GigE, GigE, M12 | C-Mount | <a href="#">#72-919</a> | €655,00   | 1 In Stock |
| Color Camera      | TRT028S-CC | 2/3"   | 2.80 | 2.5GigE, GigE, M12 | C-Mount | <a href="#">#72-920</a> | €710,00   | 1 In Stock |
| Monochrome Camera | TRT028S-MC | 2/3"   | 2.80 | 2.5GigE, GigE, M12 | C-Mount | <a href="#">#72-921</a> | €710,00   | 1 In Stock |
| Color Camera      | TRT050S-CC | 2/3"   | 5.00 | 2.5GigE, GigE, M12 | C-Mount | <a href="#">#72-922</a> | €820,00   | 2 In Stock |
| Monochrome Camera | TRT050S-MC | 2/3"   | 5.00 | 2.5GigE, GigE, M12 | C-Mount | <a href="#">#72-923</a> | €820,00   | 1 In Stock |
| Color Camera      | TRT064S-CC | 1/1.8" | 6.30 | 2.5GigE, GigE, M12 | C-Mount | <a href="#">#72-924</a> | €545,00   | 1 In Stock |
| Monochrome Camera | TRT064S-MC | 1/1.8" | 6.30 | 2.5GigE, GigE, M12 | C-Mount | <a href="#">#72-925</a> | €545,00   | 1 In Stock |
| Color Camera      | TRT071S-CC | 1.1"   | 7.10 | 2.5GigE, GigE, M12 | C-Mount | <a href="#">#72-926</a> | €1.495,00 | Contact Us |
| Monochrome Camera | TRT071S-MC | 1.1"   | 7.10 | 2.5GigE, GigE, M12 | C-Mount | <a href="#">#72-927</a> | €1.495,00 | 1 In Stock |



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