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

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- Compact 29 x 29 x 45mm Form Factor
- Global, Rolling, or Polarized CMOS Sensors
- IP67 Protection with Optional Lens Tubes

Common Specifications

| General                                                                        |  |                                                                                           |  |
|--------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------|--|
| Manufacturer: Lucid Vision Labs                                                |  | Camera Series: Triton™                                                                    |  |
| Physical & Mechanical Properties                                               |  |                                                                                           |  |
| Weight (g): 67                                                                 |  | Housing: Full                                                                             |  |
| Sensor                                                                         |  |                                                                                           |  |
| Type of Sensor: Progressive Scan CMOS                                          |  | Machine Vision Standard: GigE Vision v2.0                                                 |  |
| Hardware & Interface Connectivity                                              |  |                                                                                           |  |
| Connector: GigE, M12                                                           |  | 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                                                                 |  |                                                                                           |  |
| Mounting Threads:                                                              |  | 1/4-20 with Tripod Mount Adapter <a href="#">#11-474</a>                                  |  |
| 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           | TRI004S-MC   | 1/2.9"        | 0.40                    | GigE, M12 | C-Mount | <a href="#">#13-709</a> | ₹37,600   | Contact Us |
| Color Camera                | TRI004S-CC   | 1/2.9"        | 0.40                    | GigE, M12 | C-Mount | <a href="#">#13-710</a> | ₹37,600   | Contact Us |
| Monochrome Camera           | TRI005S-MC   | 1/1.7"        | 0.50                    | GigE, M12 | C-Mount | <a href="#">#25-131</a> | ₹46,400   | Contact Us |
| Color Camera                | TRI005S-CC   | 1/1.7"        | 0.50                    | GigE, M12 | C-Mount | <a href="#">#25-132</a> | ₹46,400   | 1 In Stock |
| Monochrome Camera           | TRI016S-MC   | 1/2.9"        | 1.60                    | GigE, M12 | C-Mount | <a href="#">#13-711</a> | ₹41,200   | 4 In Stock |
| Color Camera                | TRI016S-CC   | 1/2.9"        | 1.60                    | GigE, M12 | C-Mount | <a href="#">#13-712</a> | ₹41,200   | 2 In Stock |
| Monochrome Camera           | TRI023S-MC   | 1/2.3"        | 2.30                    | GigE, M12 | C-Mount | <a href="#">#13-713</a> | ₹45,900   | 1 In Stock |
| Color Camera                | TRI023S-CC   | 1/2.3"        | 2.30                    | GigE, M12 | C-Mount | <a href="#">#13-714</a> | ₹45,900   | Contact Us |
| Monochrome Camera           | TRI028S-MC   | 2/3"          | 2.80                    | GigE, M12 | C-Mount | <a href="#">#17-097</a> | ₹61,500   | 1 In Stock |
| Color Camera                | TRI028S-CC   | 2/3"          | 2.80                    | GigE, M12 | C-Mount | <a href="#">#17-098</a> | ₹61,500   | 2 In Stock |
| Monochrome Camera           | TRI032S-MC   | 1/1.8"        | 3.20                    | GigE, M12 | C-Mount | <a href="#">#13-715</a> | ₹53,000   | Contact Us |
| Color Camera                | TRI032S-CC   | 1/1.8"        | 3.20                    | GigE, M12 | C-Mount | <a href="#">#13-716</a> | ₹53,000   | 9 In Stock |
| Monochrome Camera           | TRI050S-MC   | 2/3"          | 5.00                    | GigE, M12 | C-Mount | <a href="#">#12-757</a> | ₹71,500   | 4 In Stock |
| Color Camera                | TRI050S-CC   | 2/3"          | 5.00                    | GigE, M12 | C-Mount | <a href="#">#12-758</a> | ₹71,500   | 1 In Stock |
| Polarized Monochrome Camera | TRI050S-PC   | 2/3"          | 5.00                    | GigE, M12 | C-Mount | <a href="#">#13-723</a> | ₹2,12,000 | Contact Us |
| Polarized Color Camera      | TRI050S-QC   | 2/3"          | 5.00                    | GigE, M12 | C-Mount | <a href="#">#13-724</a> | ₹2,12,000 | 5 In Stock |
| Polarized Monochrome Camera | TRI050S1-PC  | 2/3"          | 5.00                    | GigE, M12 | C-Mount | <a href="#">#19-625</a> | ₹92,000   | Contact Us |
| Polarized Color Camera      | TRI050S1-QC  | 2/3"          | 5.00                    | GigE, M12 | C-Mount | <a href="#">#19-626</a> | ₹92,000   | Contact Us |
| Monochrome Camera           | TRI051S-MC   | 1/1.8"        | 5.00                    | GigE, M12 | C-Mount | <a href="#">#18-484</a> | ₹61,500   | 5 In Stock |

|                   |            |         |       |           |         |                         |           |            |
|-------------------|------------|---------|-------|-----------|---------|-------------------------|-----------|------------|
| Color Camera      | TRI051S-CC | 1/1.8"  | 5.00  | GigE, M12 | C-Mount | <a href="#">#18-483</a> | ₹61,500   | Contact Us |
| Color Camera      | TRI054S-CC | 1/1.55" | 5.40  | GigE, M12 | C-Mount | <a href="#">#17-101</a> | ₹47,400   | 4 In Stock |
| Monochrome Camera | TRI064S-MC | 1/1.8"  | 6.30  | GigE, M12 | C-Mount | <a href="#">#13-717</a> | ₹41,200   | 1 In Stock |
| Color Camera      | TRI064S-CC | 1/1.8"  | 6.30  | GigE, M12 | C-Mount | <a href="#">#13-718</a> | ₹41,200   | 1 In Stock |
| Monochrome Camera | TRI071S-MC | 1.1"    | 7.10  | GigE, M12 | C-Mount | <a href="#">#17-099</a> | ₹1,29,000 | 1 In Stock |
| Color Camera      | TRI071S-CC | 1.1"    | 7.10  | GigE, M12 | C-Mount | <a href="#">#17-100</a> | ₹1,29,000 | 2 In Stock |
| Monochrome Camera | TRI081S-MC | 2/3"    | 8.10  | GigE, M12 | C-Mount | <a href="#">#18-482</a> | ₹92,000   | 1 In Stock |
| Color Camera      | TRI081S-CC | 2/3"    | 8.10  | GigE, M12 | C-Mount | <a href="#">#18-481</a> | ₹92,000   | 1 In Stock |
| Monochrome Camera | TRI089S-MC | 1"      | 8.90  | GigE, M12 | C-Mount | <a href="#">#13-725</a> | ₹1,33,000 | 1 In Stock |
| Color Camera      | TRI089S-CC | 1"      | 8.90  | GigE, M12 | C-Mount | <a href="#">#13-726</a> | ₹1,33,000 | 5 In Stock |
| Monochrome Camera | TRI122S-MC | 1/1.7"  | 12.20 | GigE, M12 | C-Mount | <a href="#">#13-719</a> | ₹47,400   | 2 In Stock |
| Color Camera      | TRI122S-CC | 1/1.7"  | 12.20 | GigE, M12 | C-Mount | <a href="#">#13-720</a> | ₹47,400   | 1 In Stock |
| Monochrome Camera | TRI120S-MC | 1.1"    | 12.30 | GigE, M12 | C-Mount | <a href="#">#12-759</a> | ₹1,77,000 | 1 In Stock |
| Color Camera      | TRI120S-CC | 1.1"    | 12.30 | GigE, M12 | C-Mount | <a href="#">#12-760</a> | ₹1,77,000 | 2 In Stock |
| Monochrome Camera | TRI124S-MC | 1/1.1"  | 12.30 | GigE, M12 | C-Mount | <a href="#">#18-480</a> | ₹1,12,500 | 1 In Stock |
| Color Camera      | TRI124S-CC | 1/1.1"  | 12.30 | GigE, M12 | C-Mount | <a href="#">#18-479</a> | ₹1,12,500 | 1 In Stock |
| Monochrome Camera | TRI162S-MC | 1.1"    | 16.20 | GigE, M12 | C-Mount | <a href="#">#17-102</a> | ₹1,49,500 | 1 In Stock |
| Color Camera      | TRI162S-CC | 1.1"    | 16.20 | GigE, M12 | C-Mount | <a href="#">#17-103</a> | ₹1,49,500 | Contact Us |
| Monochrome Camera | TRI200S-MC | 1"      | 20.00 | GigE, M12 | C-Mount | <a href="#">#13-721</a> | ₹67,500   | 2 In Stock |
| Color Camera      | TRI200S-CC | 1"      | 20.00 | GigE, M12 | C-Mount | <a href="#">#13-722</a> | ₹67,500   | 3 In Stock |
| Monochrome Camera | TRI204S-MC | 1.1"    | 20.40 | GigE, M12 | C-Mount | <a href="#">#17-104</a> | ₹1,95,500 | Contact Us |
| Color Camera      | TRI204S-CC | 1.1"    | 20.40 | GigE, M12 | C-Mount | <a href="#">#17-105</a> | ₹1,95,500 | Contact Us |
| Monochrome Camera | TRI245S-MC | 1.2"    | 24.50 | GigE, M12 | C-Mount | <a href="#">#17-106</a> | ₹2,16,500 | Contact Us |

|                 |                |         |       |           |             |                                                                                                                                                    |           |            |
|-----------------|----------------|---------|-------|-----------|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|
| Color<br>Camera | TRI245S-<br>CC | 1.2"    | 24.50 | GigE, M12 | C-<br>Mount | <a href="#">#17-107</a>                                                                                                                            | ₹2,16,500 | Contact Us |
| <hr/>           |                |         |       |           |             |                                                                                                                                                    |           |            |
|                 |                |         |       |           |             | <a href="#">#74-738 New</a>                                                                                                                        |           |            |
|                 |                |         |       |           |             |                                                                   |           |            |
|                 |                |         |       |           |             | New                                                                                                                                                |           |            |
|                 |                |         |       |           |             | Launched<br>on our<br>website<br>before<br>appearing<br>in our<br>latest print<br>catalogs.<br>Be the<br>first to buy<br>before<br>anyone<br>else! |           |            |
| Color<br>Camera | TDR054S-<br>CC | 1/1.55" | 5.40  | GigE, M12 | C-<br>Mount |                                                                                                                                                    | ₹53,070   | Contact Us |
| <hr/>           |                |         |       |           |             |                                                                                                                                                    |           |            |



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