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## LUCID Atlas™ IP67 5GigE Cameras

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- IP67 Rated for Protection from Water Ingress, Dust and Dirt
- 5Gbase-T (5GigE) Ethernet Interface
- Supports Power over Ethernet (PoE), Simplifying Integration

## Common Specifications

### General

|               |                   |                |            |
|---------------|-------------------|----------------|------------|
| Manufacturer: | Lucid Vision Labs | Camera Series: | Atlas IP67 |
|---------------|-------------------|----------------|------------|

### Physical & Mechanical Properties

|                  |              |             |     |
|------------------|--------------|-------------|-----|
| Dimensions (mm): | 60 x 60 x 65 | Weight (g): | 340 |
| Housing:         | Full         |             |     |

### Sensor

|                          |                       |
|--------------------------|-----------------------|
| Image Buffer:            | 380MB                 |
| Type of Sensor:          | Progressive Scan CMOS |
| Machine Vision Standard: | GigE Vision v2.0      |

### Electrical

|                        |  |
|------------------------|--|
| Power Consumption (W): | 8W via PoE, 7W when powered externally |
|------------------------|--|

### Hardware & Interface Connectivity

|                  |   |                             |   |
|------------------|---|-----------------------------|---|
| Interface:       | 5GigE (PoE)   | Connector:                  | 5GigE, M12  |
| Power Supply:    | PoE (IEEE 802.3af), or 12-24 VDC external                     | GPIOs:                      | 1 opto-isolated input, 1 opto-isolated out, 2 non-isolated bi-directional ports |
| Synchronization: | Hardware Trigger (GPIO), Software Trigger, or PTP (IEEE 1588) | Interface Port Orientation: | Back Panel  |

### Threading & Mounting

|        |         |
|--------|---------|
| Mount: | C-Mount |
|--------|---------|

### Environmental & Durability Factors

|                             |           |
|-----------------------------|-----------|
| Operating Temperature (°C): | -20 to 55 |
| Storage Temperature (°C):   | -30 to 60 |

## **Technical Information**

## Products

| Type              | Sensor Format | Resolution (Megapixels) | Model Number | Stock Number            | Price     | Buy        |
|-------------------|---------------|-------------------------|--------------|-------------------------|-----------|------------|
| Monochrome Camera | 2/3"          | 2.80                    | ATP028S-MC   | <a href="#">#23-955</a> | ₹1,32,000 | Contact Us |
| Color Camera      | 2/3"          | 2.80                    | ATP028S-CC   | <a href="#">#23-956</a> | ₹1,32,000 | 1 In Stock |
| Monochrome Camera | 2/3"          | 5.00                    | ATP050S-MC   | <a href="#">#23-957</a> | ₹1,62,000 | 1 In Stock |
| Color Camera      | 2/3"          | 5.00                    | ATP050S-CC   | <a href="#">#23-958</a> | ₹1,62,000 | Contact Us |
| Monochrome Camera | 1/1.8"        | 5.00                    | ATP051S-MC   | <a href="#">#23-959</a> | ₹1,17,500 | Contact Us |
| Color Camera      | 1/1.8"        | 5.00                    | ATP051S-CC   | <a href="#">#23-960</a> | ₹1,17,500 | Contact Us |
| Monochrome Camera | 1.1"          | 7.10                    | ATP071S-MC   | <a href="#">#23-961</a> | ₹2,42,000 | 1 In Stock |
| Color Camera      | 1.1"          | 7.10                    | ATP071S-CC   | <a href="#">#23-962</a> | ₹2,42,000 | 1 In Stock |
| Monochrome Camera | 2/3"          | 8.10                    | ATP081S-MC   | <a href="#">#23-963</a> | ₹1,36,000 | 1 In Stock |
| Color Camera      | 2/3"          | 8.10                    | ATP081S-CC   | <a href="#">#23-964</a> | ₹1,36,000 | 1 In Stock |
| Monochrome Camera | 1"            | 8.90                    | ATP089S-MC   | <a href="#">#23-965</a> | ₹2,67,000 | 1 In Stock |
| Color Camera      | 1"            | 8.90                    | ATP089S-CC   | <a href="#">#23-966</a> | ₹2,67,000 | 1 In Stock |
| Monochrome Camera | 1.1"          | 12.30                   | ATP120S-MC   | <a href="#">#23-967</a> | ₹3,07,000 | 1 In Stock |
| Color Camera      | 1.1"          | 12.30                   | ATP120S-CC   | <a href="#">#23-968</a> | ₹3,07,000 | 1 In Stock |
| Monochrome Camera | 1/1.1"        | 12.30                   | ATP124S-MC   | <a href="#">#23-969</a> | ₹1,80,500 | 1 In Stock |
| Color Camera      | 1/1.1"        | 12.30                   | ATP124S-CC   | <a href="#">#23-970</a> | ₹1,80,500 | 3 In Stock |
| Monochrome Camera | 1.1"          | 16.20                   | ATP162S-MC   | <a href="#">#23-971</a> | ₹2,11,000 | 1 In Stock |
| Color Camera      | 1.1"          | 16.20                   | ATP162S-CC   | <a href="#">#23-972</a> | ₹2,11,000 | 1 In Stock |
| Monochrome Camera | 1"            | 20.00                   | ATP200S-MC   | <a href="#">#23-973</a> | ₹1,18,500 | 1 In Stock |
| Color Camera      | 1"            | 20.00                   | ATP200S-CC   | <a href="#">#23-974</a> | ₹1,18,500 | 1 In Stock |
| Monochrome Camera | 1.1"          | 20.40                   | ATP204S-MC   | <a href="#">#23-975</a> | ₹2,47,000 | Contact Us |

|                   |      |       |            |                         |           |            |
|-------------------|------|-------|------------|-------------------------|-----------|------------|
| Color Camera      | 1.1" | 20.40 | ATP204S-CC | <a href="#">#23-976</a> | ₹2,47,000 | 1 In Stock |
| Monochrome Camera | 4/3" | 24.50 | ATP245S-MC | <a href="#">#23-977</a> | ₹2,93,500 | 1 In Stock |
| Color Camera      | 4/3" | 24.50 | ATP245S-CC | <a href="#">#23-978</a> | ₹2,93,500 | 1 In Stock |

[#23-978-RCD-05P Recertified](#)



Recertified

Stock No.: 23-978-RCD-05P  
Recertified Code: 05P (All Original  
Parts Included, Perfect)

## Recertified Products

*Typically 1-2 Recertified Products are in stock at a time. Please contact our sales team if you would like exact availability of an item.*

Recertified products are those identified with the recertified logo indicating they were returned to Edmund Optics® and cannot be sold as new for the following reasons:

- Open Box – Missing original packaging
- Cosmetic Blemishes – Scratches, rub marks or other minor cosmetic imperfections
- Service/Repair – Product has been serviced to the factory original specification
- Factory Returns – Product has been returned in its original condition

|              |      |       |            |           |            |
|--------------|------|-------|------------|-----------|------------|
| Color Camera | 4/3" | 24.50 | ATP245S-CC | ₹2,57,720 | 1 In Stock |
|--------------|------|-------|------------|-----------|------------|

Recertified products are inspected for damage and any necessary repairs are made. Products are then certified by Edmund Optics® to be in good working order. Since quantity is low, recertified products are sold on a first come, first serve basis. Any imperfections will be listed in the description, indicated in the stock number, and categorized by the table below. When purchasing recertified products, the Edmund Optics® standard [return policy](#) applies.

View all our [recertified products](#) in the Web Specials section of our website.

| Parts | Cosmetic                             |
|-------|--------------------------------------|
| 05    | All<br>Original<br>Parts<br>Included |

|    |   |   |                           |
|----|---|---|---------------------------|
| 04 | Missing<br>Manual                           | N | Minor<br>Defect/Scratches |
| 03 | Missing<br>Manual<br>and Small<br>Accessory | J | Major<br>Defect/Scratches |
| 02 | Missing<br>Manual<br>and Large<br>Accessory |   |                           |



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