

[See all 27 Products in Family](#)

LUCID Vision Labs Atlas™ ATL071S-MC, Sony IMX420, 7.1MP, Monochrome Camera

See More by [LUCID Vision Labs™](#)



LUCID Vision Labs Atlas™ Power over Ethernet (PoE) 5GBASE-T (5GigE) Cameras

Stock **#17-110** **1 In Stock**

1 MRP ₹2,40,543

1 Price inclusive of all taxes

ADD TO CART

Volume Pricing

Qty 1+	₹2,40,543 each
Need More?	Request Quote

Product Downloads

Monochrome

Spectrum:

General

Monochrome Camera

Type:

ATL071S-MC

Model Number:

Lucid Vision Labs

Manufacturer:

Atlas™

Camera Series:

Physical & Mechanical Properties

Dimensions (mm):
55 x 55 x 70 (excludes connectors and lens mount)

Weight (g):
240

Housing:
Full

Sensor

Image Buffer:
380MB

Sensor Format:
1.1"

Resolution (Megapixels):
7.10

Frame Rate (fps):
74.60

Pixels (H x V):
3,208 x 2,200

Pixel Size, H x V (µm):
4.5 x 4.5

Sensing Area, H x V (mm):
14.44 x 9.90

Imaging Sensor:
Sony IMX420

Type of Sensor:
Progressive Scan CMOS

Shutter Type:
Global

Pixel Depth:
8/10/12 Bit

Exposure Time:
13.7µs - 10s

Dynamic Range (dB):
71.92

Machine Vision Standard:
GigE Vision v2.0

Electrical

Power Consumption (W):
7 (External Power Supply) 8 (PoE)

Hardware & Interface Connectivity

Interface:
5GigE (PoE)

Connector:
5GigE, M12

Power Supply:
Power Supply Required and Sold Separately:
USA: [#18-364](#)
Europe: [#18-364](#)
Japan: [#18-364](#)
Korea: Not Available
China: [#18-364](#)

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 MB

Threading & Mounting

Mount:
C-Mount

Mounting Threads:
1/4-20 with Tripod Mount Adapter [#13-751](#)

Environmental & Durability Factors

Operating Temperature (°C):
-20 to +55

Storage Temperature (°C):

-30 to +60

Regulatory Compliance

Certificate of Conformance:

[View](#)

Country of Origin:

Canada

Imported By:

Edmund Optics India Private Limited
267, Greystone Building, Second Floor,
6th Cross Rd, Binnamangala,
Stage 1, Indiranagar, Bengaluru,
Karnataka, India 560038
Phone: +91- 80-6845 0000

Product Details

- 5GBASE-T (5GigE) Ethernet Interface
- 2.8 to 31.4 Megapixel Sensors
- Compact 55 x 55 x 70mm Design
- TFL-Mount Compatible with [TECHSPEC® CA Series FFL Lenses](#)

LUCID Vision Labs Atlas™ Power over Ethernet (PoE) 5GBASE-T (5GigE) Cameras have a small footprint and feature large format, high resolution sensors with up to 31.4MP at 17.9fps. During manufacturing, their imaging sensors are actively aligned to minimize sensor tilt and rotation, resulting in sharp and crisp images even in the corners. The 5GigE Ethernet interface provides up to 5X faster speeds than GigE for applications requiring high bandwidth. These cameras also feature a TFL-Mount that is easily adaptable to F-Mount. LUCID Vision Labs Atlas Power over Ethernet (PoE) 5GBASE-T (5GigE) Cameras are ideal for industrial applications including [factory automation](#), autonomous robotics, and biometrics.