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Lucid Vision Labs Atlas™ ATL314S-MNL, Sony IMX342, 31.4MP, Monochrome Camera

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

Stock **#25-129** [CONTACT US](#)

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1

+

€6.130⁰⁰

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Monochrome		Spectrum:
General		
Monochrome Camera		Type:
ATL314S-MNL		Model Number:
Lucid Vision Labs		Manufacturer:

Atlas™	Camera Series:
Physical & Mechanical Properties	
55 x 55 x 65 (excludes connectors)	Dimensions (mm):
240	Weight (g):
Full	Housing:
Sensor	
380MB	Image Buffer:
APS-C	Sensor Format:
31.40	Resolution (Megapixels):
17.90	Frame Rate (fps):
6,464 x 4,852	Pixels (H x V):
3.45 x 3.45	Pixel Size, H x V (µm):
22.30 x 16.74	Sensing Area, H x V (mm):
Sony IMX342	Imaging Sensor:
Progressive Scan CMOS	Type of Sensor:
Global	Shutter Type:
8/10/12 Bit	Pixel Depth:
47µs - 10s (Normal); 2µs - 32µs (Short Mode)	Exposure Time:
0 - 48	Dynamic Range (dB):
GigE Vision v2.0	Machine Vision Standard:
Electrical	
8 (External Power Supply) 8.5 (PoE)	Power Consumption (W):
Hardware & Interface Connectivity	
5GigE (PoE)	Interface:
5GigE, M12	Connector:
Power over Ethernet (PoE) or via GPIO with 12-24VDC Power Supply	Power Supply:
1 opto-isolated input, 1 opto-isolated output, 2 non-isolated bi-directional ports	GPIOs:
Hardware Trigger (GPIO), Software Trigger, or PTP (IEEE 1588)	Synchronization:
Back Panel	Interface Port Orientation:
8-pin M8	GPIO Connector Type:
Threading & Mounting	
No Lens Mbunt	Mount:
1/4-20 with Tripod Mount Adapter #13-751	Mounting Threads:
Environmental & Durability Factors	
-20 to +55	Operating Temperature (°C):
-30 to +60	Storage Temperature (°C):

Regulatory Compliance

[View](#)

Certificate of Conformance:

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.