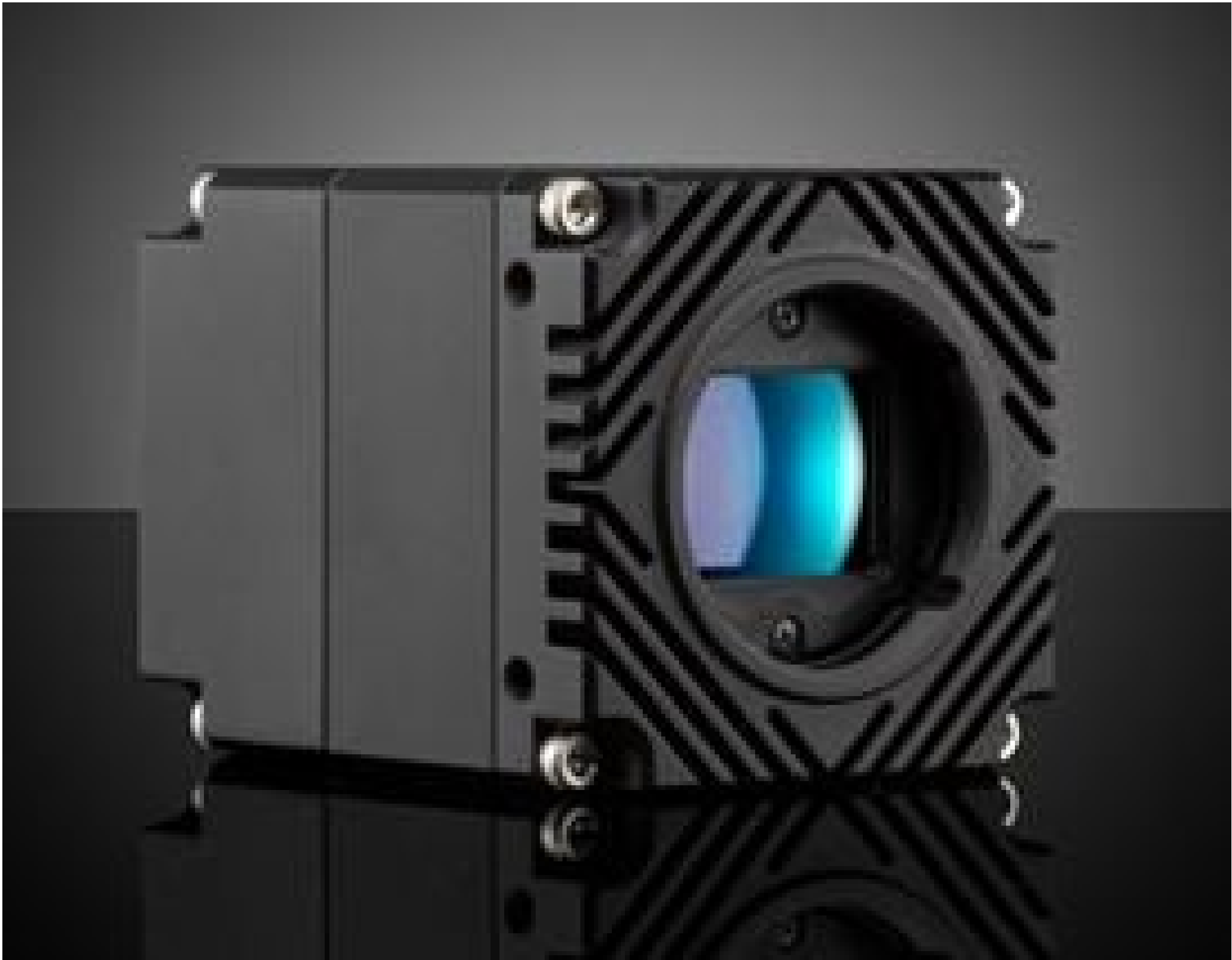


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LUCID Vision Labs Atlas™ ATL168S-MT, Sony IMX387, 16.8MP, Monochrome Camera

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

Stock **#13-731** [CONTACT US](#)

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1

+

S\$5,698^{.00}

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Monochrome	Spectrum:
General	
Monochrome Camera	Type:
ATL168S-MT	Model Number:
Lucid Vision Labs	Manufacturer:
	Camera Series:

Atlas™	
Physical & Mechanical Properties	
55 x 55 x 70 (excludes connectors and lens mount)	Dimensions (mm):
	Weight (g):
240	
Full	Housing:
Sensor	
380MB	Image Buffer:
	Sensor Format:
4/3"	
16.80	Resolution (Megapixels):
	Frame Rate (fps):
33.00	
5,456 x 3,076	Pixels (H x V):
	Pixel Size, H x V (µm):
3.45 x 3.45	
18.82 x 10.61	Sensing Area, H x V (mm):
	Imaging Sensor:
Sony IMX387	
Progressive Scan CMOS	Type of Sensor:
	Shutter Type:
Global	
8/10/12 Bit	Pixel Depth:
	Exposure Time:
30µs - 10s	
71	Dynamic Range (dB):
	Machine Vision Standard:
GigE Vision v2.0	
Electrical	
8 (External Power Supply) 8.5 (PoE)	Power Consumption (W):
Hardware & Interface Connectivity	
5GigE (PoE)	Interface:
	Connector:
5GigE, M12	
Power Supply Required and Sold Separately. USA: #18-364 Europe: #18-364 Japan: #18-364 Korea: Not Available China: #18-364	Power Supply:
	GPIOs:
1 opto-isolated input, 1 opto-isolated output, 2 non-isolated bi-directional ports	
Hardware Trigger (GPIO), Software Trigger, or PTP (IEEE 1588)	Synchronization:
	Interface Port Orientation:
Back Panel	
8-pin MB	GPIO Connector Type:
Threading & Mounting	
TFL-Mount	Mount:
	Mounting Threads:
1/4-20 with Tripod Mount Adapter #13-751	
Environmental & Durability Factors	
-20 to +55	Operating Temperature (°C):
	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.