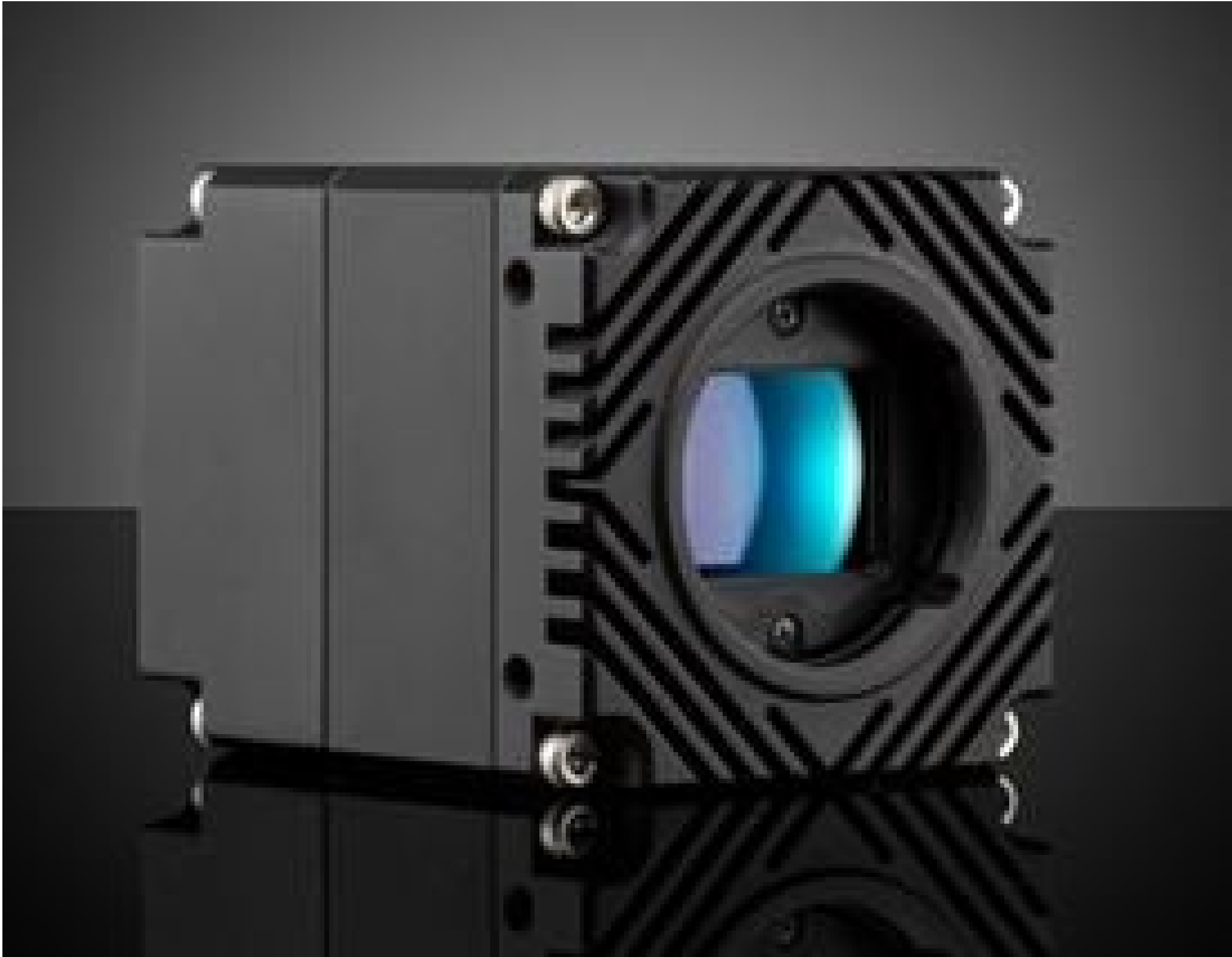


Lucid Vision Labs Atlas™ ATL314S-MNL, Sony IMX342, 31.4MP, Monochrome Camera

See More by [LUCID Vision Labs™](#)



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

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Video Output:
5GigE (PoE)

Type:
Monochrome Camera

Manufacturer:
Lucid Vision Labs

Mounting Threads:
¼-20 with Tripod Mount Adapter [#13-751](#)

Image Buffer:

380MB
Camera Family: Atlas™
Model Number: ATL314S-MNL
Imaging Sensor: Sony IMX342
Type of Sensor: Progressive Scan CMOS
Type of Shutter: Global
Camera Sensor Format: APS-C
Resolution (MegaPixels): 31.40
Pixels (H x V): 6,464 x 4,852
Pixel Size, H x V (µm): 3.45 x 3.45
Sensing Area, H x V (mm): 22.30 x 16.74
Frame Rate (fps): 17.90
Pixel Depth: 8/10/12 bit
Exposure Time: 47µs - 10s (Normal); 2µs - 32µs (Short Mode)
Connector: 5GigE, M12
Power Supply: Power over Ethernet (PoE) or via GPIO with 12-24VDC Power Supply
Power Consumption (W): 8 (External Power Supply) 8.5 (PoE)
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)
Dimensions (mm): 55 x 55 x 65 (excludes connectors)
Weight (g): 240
Mount: No Lens Mount
Housing: Full
Interface Port Orientation: Back Panel
Dynamic Range (dB): 0 - 48
Operating Temperature (°C): -20 to +55
Storage Temperature (°C): -30 to +60
GPIO Connector Type: 8-pin M8
Machine Vision Standard: GigE Vision v2.0

Regulatory Compliance

RoHS: Exempt
Certificate of Conformance: View