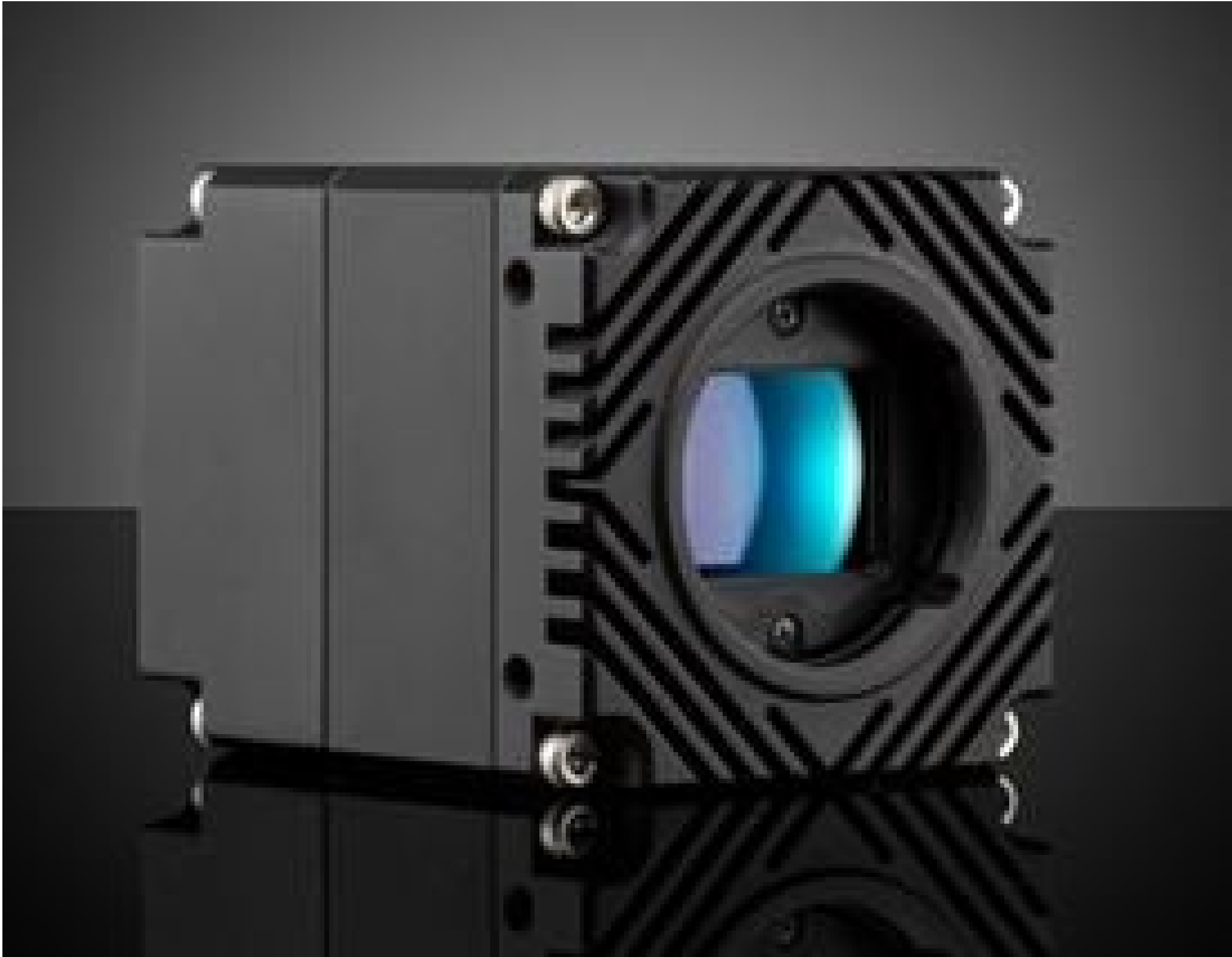


LUCID Vision Labs Atlas™ ATL120S-MC, Sony IMX253, 12.3MP, Monochrome Camera

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

Image Buffer: 380MB
Camera Family: Atlas™
Model Number: ATL120S-MC
Imaging Sensor: Sony IMX253
Type of Sensor: Progressive Scan CMOS
Type of Shutter: Global
Camera Sensor Format: 1.1"
Resolution (MegaPixels): 12.30
Pixels (H x V): 4,096 x 3,000
Pixel Size, H x V (µm): 3.45 x 3.45
Sensing Area, H x V (mm): 14.13 x 10.35
Frame Rate (fps): 42.00
Pixel Depth: 8/10/12 bit
Exposure Time: 30µs - 10s
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
Power Consumption (W): 7 (External Power Supply) 8 (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 70 (excludes connectors and lens mount)
Weight (g): 240
Mount: C-Mount
Housing: Full
Interface Port Orientation: Back Panel
Dynamic Range (dB): 71.2
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: Compliant
Certificate of Conformance: View