

LUCID Vision Labs Atlas10 ATX124S-MC, Sony IMX535, 12.3MP, Monochrome Camera

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LUCID Vision Labs Atlas10 10GigE Power over Ethernet (PoE) Cameras (Front, C-Mount)



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1

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Video Output:
10GigE (PoE+)

Type:
Monochrome Camera

Manufacturer:
Lucid Vision Labs

Mounting Threads:

2 x ¼-20 with Tripod Mount Adapter [#17-120](#)

Image Buffer: 380MB
Camera Family: Atlas10
Model Number: ATX124S-MC
Imaging Sensor: Sony IMX535
Type of Sensor: Progressive Scan CMOS
Type of Shutter: Global
Camera Sensor Format: 1/1.1"
Resolution (MegaPixels): 12.30
Pixels (H x V): 4,096 x 3,000
Pixel Size, H x V (µm): 2.74 x 2.74
Sensing Area, H x V (mm): 11.22 x 8.22
Frame Rate (fps): 89.70
Pixel Depth: 8/10/12 bit
Exposure Time: 5.93µs - 10s
Connector: 10GigE, 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): 11.5 (External Power Supply) <12 (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 95.5 (excludes connectors and lens mount)
Weight (g): 304
Mount: C-Mount
Housing: Full
Interface Port Orientation: Back Panel
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