

LUCID Vision Labs™ Atlas ATP098S-MC, Sony IMX255, 8.9MP, IP67 Monochrome Camera

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Video Output:

GigE (PoE)

Type:

Monochrome Camera

Manufacturer:

Lucid Vision Labs

Image Buffer:

380 MB

Camera Family: Atlas IP67
Model Number: ATP089S-MC
Imaging Sensor: Sony IMX255
Type of Sensor: Progressive Scan CMOS
Type of Shutter: Global
Camera Sensor Format: 1"
Resolution (MegaPixels): 8.90
Pixels (H x V): 4,096 x 2,160
Pixel Size, H x V (µm): 3.45 x 3.45
Sensing Area, H x V (mm): 14.13 x 7.45
Frame Rate (fps): 58.50
Pixel Depth: 8/10/12 Bit
Exposure Time: 25 µs to 10 s (Normal) 1.208 µs to 16.112 s (Short Mode)
Connector: PoE, M12
Power Supply: PoE (IEEE 802.3af), or 12-24 VDC external
Power Consumption (W): 8W via PoE, 7W when powered externally
GPIOs: 1 opto-isolated input, 1 opto-isolated out, 2 non-isolated bi-directional ports
Synchronization: Hardware Trigger (GPIO), Software Trigger, or PTP (IEEE 1588)
Dimensions (mm): 60 x 60 x 65
Weight (g): 340
Mount: C-Mount
Housing: Full
Interface Port Orientation: Back Panel
Dynamic Range (dB): Not Specified
Operating Temperature (°C): -20 to 55
Storage Temperature (°C): -30 to 60
GPIO Connector Type: 8 pin M8 connector
Machine Vision Standard: GigE Vision v2.0

Regulatory Compliance

RoHS: Exempt
Certificate of Conformance: View