

LUCID Vision Labs™ Atlas ATP204S-MC, Sony IMX541, 20.4MP, 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: ATP204S-MC
Imaging Sensor: Sony IMX541
Type of Sensor: Progressive Scan CMOS
Type of Shutter: Global
Camera Sensor Format: 1.1"
Resolution (MegaPixels): 20.40
Pixels (H x V): 4,504 x 4,504
Pixel Size, H x V (µm): 2.74 x 2.74
Sensing Area, H x V (mm): 12.34 x 12.34
Frame Rate (fps): 27.40
Pixel Depth: 8/10/12 Bit
Exposure Time: 10.74 µs to 10 s (Normal) / 2.29 µs to 2.46 µs (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: 9 pin M8 connector
Machine Vision Standard: GigE Vision v2.0

Regulatory Compliance

RoHS: Exempt
Certificate of Conformance: View