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LUCID Vision Labs™ Atlas ATP124S-MC, Sony IMX545, 12.3MP, IP67 Monochrome Camera (Recertified 05-P)

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Stock **#23-969-RCD-05P** RECERTIFIED **1 In Stock**

⊖ 1 ⊕ A$2,536.⁰⁰

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Spectrum:

Monochrome

General

Type:

Monochrome Camera

Model Number:

ATP124S-MC

Manufacturer:	
Lucid Vision Labs	
Camera Series:	
Atlas IP67	

Physical & Mechanical Properties

Dimensions (mm):	
60 x 60 x 65	
Weight (g):	
340	
Housing:	
Full	

Sensor

Image Buffer:	
380MB	
Sensor Format:	
1/1.1"	
Resolution (Megapixels):	
12.30	
Frame Rate (fps):	
42.50	
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	
Imaging Sensor:	
Sony IMX545	
Type of Sensor:	
Progressive Scan CMOS	
Shutter Type:	
Global	
Pixel Depth:	
8/10/12 Bit	
Exposure Time:	
25.4 µs to 10 s (Normal) / 1 µs to 16 µs (Short Mode)	
Dynamic Range (dB):	
Not Specified	
Machine Vision Standard:	
GigE Vision v2.0	

Electrical

Power Consumption (W):	
8W via PoE, 7W when powered externally	

Hardware & Interface Connectivity

Interface:	
5GigE (PoE)	
Connector:	
5GigE, M12	
Power Supply:	
PoE (IEEE 802.3af), or 12-24 VDC external	
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)	
Interface Port Orientation:	
Back Panel	
GPIO Connector Type:	
8 pin M8 connector	

Threading & Mounting

Mount:	
C-Mount	

Environmental & Durability Factors

Operating Temperature (°C):	
-20 to 55	
Storage Temperature (°C):	
-30 to 60	

Regulatory Compliance

Certificate of Conformance:

View

Product Details

- IP67 Rated for Protection from Water Ingress, Dust and Dirt
- 5Gbase-T (5GigE) Ethernet Interface
- Supports Power over Ethernet (PoE), Simplifying Integration

LUCID Vision Labs Atlas IP67 5GigE Cameras are water ingress protected, industrial cameras designed for imaging applications requiring high bandwidth and performance in rugged environments. These cameras support the 5Gbase-T (5GigE) Ethernet interface and are Power over Ethernet (PoE), capable of 600 MB/s data transfer rates which allow for high resolution and frame rates. LUCID Vision Labs Atlas IP67 5GigE Cameras feature a C-mount and Active Sensor alignment for superior optical performance. These cameras offer a perfect balance of fast frame rates, compact size, industrial ruggedization, and an excellent price-performance ratio.