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LUCID Vision Labs™ Atlas ATP028S-MC, Sony IMX421, 2.8MP, IP67 Monochrome Camera

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S\$1,848⁰⁰

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Monochrome	Spectrum:
General	
Monochrome Camera	Type:
ATP028S-MC	Model Number:
Lucid Vision Labs	Manufacturer:

Camera Series:		Atlas IP67
Physical & Mechanical Properties		
Dimensions (mm):		60 x60 x65
Weight (g):		340
Housing:		Full
Sensor		
Image Buffer:		380MB
Sensor Format:		2/3"
Resolution (Megapixels):		2.80
Frame Rate (fps):		173.00
Pixels (H x V):		1,936 x 1,464
Pixel Size, H x V (µm):		4.5 x 4.5
Sensing Area, H x V (mm):		8.71 x 6.59
Imaging Sensor:		Sony IMX421
Type of Sensor:		Progressive Scan CMOS
Shutter Type:		Global
Pixel Depth:		8/10/12 Bit
Exposure Time:		10.3 µs to 10 s (Normal) / 1 µs to 5 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.
