

Lucid Vision Labs Phoenix™ PHX051S-MC-IX, Sony IMX568, 5.0 MP, Monochrome Camera

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MRP ₹46,516

Price inclusive of all taxes

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LUCID Vision Labs Phoenix™ Power over Ethernet (PoE) Cameras



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Product Downloads

- Start Up Guide STEP:step
- EO Spec Sheet

Spectrum: Monochrome

General

Type: Monochrome Camera	Model Number: PHX051S-MC-IX
Manufacturer: Lucid Vision Labs	Camera Series: Phoenix™

Physical & Mechanical Properties

Dimensions (mm): 24 x 24 x 27.35 (excludes connectors and lens mount)	Weight (g): 30
Housing: Full	

Sensor

Image Buffer: 128MB	Sensor Format: 1/1.8"
Resolution (Megapixels): 5.00	Frame Rate (fps): 22.00
Pixels (H x V): 2,448 x 2,048	Pixel Size, H x V (µm): 2.74 x 2.74
Sensing Area, H x V (mm): 6.71 x 5.61	Imaging Sensor: Sony IMX568
Type of Sensor: Progressive Scan CMOS	Shutter Type: Global
Pixel Depth: 12 bit	Exposure Time: 22.25µs - 10s (Normal) 2.296µs - 2.464µs (Short Mode)
Dynamic Range (dB): 0 - 48	Machine Vision Standard: GigE Vision v2.0

Electrical

Power Consumption (W): 2.5 (External Power Supply)
3.1 (PoE)

Hardware & Interface Connectivity

Interface: GigE (PoE)

Connector: GigE, ix Industrial®

Power Supply: Power over Ethernet (PoE) or via GPIO with 12-24VDC Power Supply

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)

Interface Port Orientation: Back Panel

GPIO Connector Type: 8-pin JST

Threading & Mounting

Mount: C-Mount

Mounting Threads: ¼-20 with Tripod Mount Adapter [#11-474](#)

Environmental & Durability Factors

Operating Temperature (°C): -10 to +55

Storage Temperature (°C): -30 to +60

Regulatory Compliance

RoHS 2015: [Exempt](#)

Certificate of Conformance: [View](#)

Reach 247: [Contains SVHC\(s\)](#)

Country of Origin: Canada

Imported By: Edmund Optics India Private Limited
267, Greystone Building,
Second Floor,
6th Cross Rd,
Binnamangala,
Stage 1,
Indiranagar,
Bengaluru,
Karnataka,
India 560038
Phone: +91-80-6845 0000

Product Details

- Unfolding Board Stacks for Customization
- Power Over Ethernet (PoE) for Easy Integration
- Compact Size Starting at 24 x 24mm

LUCID Vision Labs Phoenix™ Power over Ethernet (PoE) Cameras are compact, high performance cameras with one of the smallest form factors in the PoE GigE market. Featuring unfolding board stacks, these cameras easily transform between a 90° and 180° angle shape to provide flexible system integration. Additional software versatility is provided by GigE Vision compliancy, allowing for compatibility with third-party GigE Vision software. LUCID Vision Labs Phoenix™ Power over Ethernet (PoE) Cameras offer powerful Image Signal Processing (ISP), ensuring optimal camera performance with options including Region of Interest (ROI), Color Correction Matrix (CCM), and Binning without any limitations on higher frame rates. These cameras are ideal for industrial applications requiring cameras with compact form factors.

Note: GigE cable required for operation, both RJ45 and ix™ versions are available. The ix™ is a miniaturized industrial connector that is not compatible with RJ45 cables. Optional tripod adapter ([#11-474](#)) available.

Accessories

Note: Compatible accessories for individual stock numbers may vary. If unsure about which accessories work with your products, please contact us [here](#).

	Title	Compare	Stock Number	Price	Buy
MORE+	LR-Link 2-CH PCIE Gigabit POE+ Card		#25-151	₹78,057 Request Quote	3 In Stock <input type="text" value="1"/>
MORE+	Power Over Ethernet (PoE) Single Port injector		#68-469	₹7,009 Request Quote	3 In Stock <input type="text" value="1"/>
MORE+	Phoenix Camera 24mm 90° Bracket Transform Kit		#25-154	₹11,894 Request Quote	1 In Stock <input type="text" value="1"/>
MORE+	Phoenix Camera 24mm 180° Bracket Transform Kit		#25-153	₹11,894 Request Quote	1 In Stock <input type="text" value="1"/>
MORE+	180° & 90° Transform Kit for 24x24mm Phoenix™ Cameras		#11-478	₹23,470 Request Quote	5 In Stock <input type="text" value="1"/>
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MORE+	¼-20 Tripod Adapter for Phoenix™ and Triton™		#11-474	₹4,036 Request Quote	16 In Stock <input type="text" value="1"/>
MORE+	2m RJ45 Ethernet Cable		#11-475	₹9,664 Request Quote	2 In Stock <input type="text" value="1"/>
MORE+	5m RJ45 Ethernet Cable		#11-476	₹15,611 Request Quote	2 In Stock <input type="text" value="1"/>
MORE+	2m ix Industrial® Ethernet CAT6A Cable		#13-746	₹9,664 Request Quote	5 In Stock <input type="text" value="1"/>
MORE+	5m ix Industrial® Ethernet CAT6A Cable		#13-747	₹13,806 Request Quote	4 In Stock <input type="text" value="1"/>
MORE+	20cm GPIO 8 Pin JST Cable		#11-477	₹4,036 Request Quote	12 In Stock <input type="text" value="1"/>

Related Products



LUCID Vision Labs™ SENSEAiZ Intelligent Vision CMOS Camera



LUCID Vision Labs Triton™ GigE Power over Ethernet (PoE) Cameras



LUCID Vision Labs Atlas10 10GigE Power over Ethernet (PoE) Cameras



Allied Vision Alvium G1 GigE PoE Cameras

Imaging Lens Selector



- Factory Automation
- Telecentric
- M12

Custom Sensor

Camera Model

Number of Horizontal
Pixels:

1

Number of Vertical
Pixels:

2

Pixel Size (µm):

3

Working Distance (mm):

4

Horizontal Field of View
(mm):

5



Disclaimer: Values represent theoretical values from lens design software. Actual lens performance varies due to manufacturing tolerances.

Frequently Purchased Together



#33-303 - 12mm UC Series Fixed
Focal Length Lens
₹25,943

Qty

