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Lucid Vision Labs Phoenix™ PHX081S-CC, Sony IMX566, 8.1 MP, Color Camera

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



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- 1 + MRP ₹66,375

1 Price inclusive of all taxes

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Color **Spectrum:**

General

Color Camera **Type:**

PHX081S-CC **Model Number:**

Lucid Vision Labs
Phoenix™

Manufacturer:
Camera Series:

Physical & Mechanical Properties

28 x 28 x 28.4 (excludes connectors and lens mount)

Dimensions (mm):
Weight (g):

39

Full

Housing:

Sensor

128MB

Image Buffer:

2/3"

Sensor Format:

8.10

Resolution (Megapixels):

13.80

Frame Rate (fps):

2,840 x 2,840

Pixels (H x V):

2.74 x 2.74

Pixel Size, H x V (µm):

7.78 x 7.78

Sensing Area, H x V (mm):

Sony IMX566

Imaging Sensor:

Progressive Scan CMOS

Type of Sensor:

Global

Shutter Type:

12 bit

Pixel Depth:

25µs - 10s (Normal);
2.296µs - 2.464µs (Short Mode)

Exposure Time:

0 - 48

Dynamic Range (dB):

GigE Vision v2.0

Machine Vision Standard:

Electrical

3 (External Power Supply)
3.5(PoE)

Power Consumption (W):

Hardware & Interface Connectivity

GigE (PoE)

Interface:

GigE, RJ45

Connector:

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

Power Supply:

1 opto-isolated input, 1 opto-isolated output, 2 non-isolated bi-directional ports

GPIOs:

Hardware Trigger (GPIO), Software Trigger, or PTP (IEEE 1588)

Synchronization:

Back Panel

Interface Port Orientation:

8-pin JST

GPIO Connector Type:

Threading & Mounting

C-Mount

Mount:

1/4-20 with Tripod Mount Adapter [#11-474](#)

Mounting Threads:

Environmental & Durability Factors

-10 to +55

Operating Temperature (°C):

-30 to +60 **Storage Temperature (°C):**

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
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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.