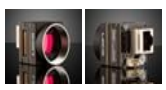
See all 120 Products in Family

LUCID Vision Labs Phoenix™ PHX050S-MC, Sony IMX264, 5.0 MP, Monochrome Camera

See More by LUCID Vision Labs™



Stock **#11-466** **5 In Stock**

Similar Cameras

- 1 + **S$700**.00

ADD TO CART

Volume Pricing	
Qty 1+	**S$700.00** each
Need More?	Request Quote

Note: This item requires accessories for use | Learn More

Product Downloads

Spectrum:

Monochrome

General

Type:

Monochrome Camera

Model Number:

PHX050S-MC

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:
Partial

Sensor

Image Buffer:
128MB

Sensor Format:
2/3"

Resolution (Megapixels):
5.00

Frame Rate (fps):
24.00

Pixels (H x V):
2,448 x 2,048

Pixel Size, H x V (µm):
3.45 x 3.45

Sensing Area, H x V (mm):
8.45 x 7.07

Imaging Sensor:
Sony IMX264

Type of Sensor:
Progressive Scan CMOS

Shutter Type:
Global

Pixel Depth:
12 bit

Exposure Time:
30µs - 10s

Dynamic Range (dB):
71.66

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, RJ45

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):

-20 to +55

Storage Temperature (°C):

-30 to +60

Regulatory Compliance

RoHS 2015:

Exempt

Certificate of Conformance:

View

Reach 247:

Contains SVHC(s)

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 an miniaturized industrial connector that is not compatible with RJ45 cables. Optional tripod adapter (#11-474) available.

;