LUCID Vision Labs Phoenix™ PHX032S-MS-IX, Sony IMX265, 3.2 MP, Monochrome Camera

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

Stock **#13-681**   CONTACT US

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⊖   1   ⊕   **€469**.⁰⁰

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Note: This item requires accessories for use | Learn More

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Spectrum:	
Monochrome	

General

Type:	
Monochrome Camera	

	Model Number:
PHX032S-MS-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:
Partial	

Sensor

	Image Buffer:
128MB	
	Sensor Format:
1/1.8"	
	Resolution (Megapixels):
3.20	
	Frame Rate (fps):
38.00	
	Pixels (H x V):
2,048 x 1,536	
	Pixel Size, H x V (μm):
3.45 x 3.45	
	Sensing Area, H x V (mm):
7.07 x 5.3	
	Imaging Sensor:
Sony IMX265	
	Type of Sensor:
Progressive Scan CMOS	
	Shutter Type:
Global	
	Pixel Depth:
12 bit	
	Exposure Time:
30μs - 10s	
	Dynamic Range (dB):
71.75	
	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:
S-Mount (M12 x 0.5)	
	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.