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LUCID Vision Labs Phoenix™ Power over Ethernet (PoE) Cameras See More by [LUCID Vision Labs™](#)



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

Common Specifications

General

Manufacturer:	Lucid Vision Labs	Camera Series:	Phoenix™
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Sensor

Image Buffer:	128MB	Type of Sensor:	Progressive Scan CMOS
Pixel Depth:	12 bit	Machine Vision Standard:	GigE Vision v2.0

Hardware & Interface Connectivity

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

Mounting Threads:	1/4-20 with Tripod Mount Adapter #11-474
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Environmental & Durability Factors

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

Products

Type	Model Number	Sensor Format	Resolution (Megapixels)	Connector	Mount	Stock Number	Price	Buy
Color Camera	PHX004S-CC	1/2.9"	0.40	GigE, RJ45	C-Mount	#11-461	€304,00	1 In Stock
Monochrome Camera	PHX004S-MC	1/2.9"	0.40	GigE, RJ45	C-Mount	#11-460	€304,00	1 In Stock
Color Camera	PHX004S-CC-IX	1/2.9"	0.40	GigE, ix Industrial®	C-Mount	#13-646	€304,00	Contact Us
Monochrome Camera	PHX004S-MC-IX	1/2.9"	0.40	GigE, ix Industrial®	C-Mount	#13-645	€304,00	Contact Us
Color Camera	PHX004S-CNF	1/2.9"	0.40	GigE, RJ45	NF-Mount	#13-642	€304,00	Contact Us
Monochrome Camera	PHX004S-MNF	1/2.9"	0.40	GigE, RJ45	NF-Mount	#13-641	€304,00	Contact Us
Color Camera	PHX004S-CNF-IX	1/2.9"	0.40	GigE, ix Industrial®	NF-Mount	#13-648	€304,00	Contact Us
Monochrome Camera	PHX004S-MNF-IX	1/2.9"	0.40	GigE, ix Industrial®	NF-Mount	#13-647	€304,00	Contact Us
Color Camera	PHX004S-CS	1/2.9"	0.40	GigE, RJ45	S-Mount (M12 x 0.5)	#13-644	€304,00	Contact Us
Monochrome Camera	PHX004S-MS	1/2.9"	0.40	GigE, RJ45	S-Mount (M12 x 0.5)	#13-643	€304,00	1 In Stock
Color Camera	PHX004S-CS-IX	1/2.9"	0.40	GigE, ix Industrial®	S-Mount (M12 x 0.5)	#13-650	€304,00	6 In Stock
Monochrome Camera	PHX004S-MS-IX	1/2.9"	0.40	GigE, ix Industrial®	S-Mount (M12 x 0.5)	#13-649	€304,00	11 In Stock
Color Camera	PHX016S-CC	1/2.9"	1.60	GigE, RJ45	C-Mount	#11-463	€335,00	5 In Stock
Monochrome Camera	PHX016S-MC	1/2.9"	1.60	GigE, RJ45	C-Mount	#11-462	€335,00	20+ In Stock
Color Camera	PHX016S-CC-IX	1/2.9"	1.60	GigE, ix Industrial®	C-Mount	#13-656	€335,00	Contact Us
Monochrome Camera	PHX016S-MC-IX	1/2.9"	1.60	GigE, ix Industrial®	C-Mount	#13-655	€335,00	Contact Us
Color Camera	PHX016S-CNF	1/2.9"	1.60	GigE, RJ45	NF-Mount	#13-652	€335,00	Contact Us
Monochrome Camera	PHX016S-MNF	1/2.9"	1.60	GigE, RJ45	NF-Mount	#13-651	€335,00	Contact Us
Color Camera	PHX016S-CNF-IX	1/2.9"	1.60	GigE, ix Industrial®	NF-Mount	#13-658	€335,00	Contact Us
Monochrome Camera	PHX016S-MNF-IX	1/2.9"	1.60	GigE, ix Industrial®	NF-Mount	#13-657	€335,00	Contact Us
Color Camera	PHX016S-CS	1/2.9"	1.60	GigE, RJ45	S-Mount (M12 x 0.5)	#13-654	€335,00	3 In Stock

Monochrome Camera	PHX016S-MS	1/2.9"	1.60	GigE, RJ45	S-Mount (M12 x 0.5)	#13-653	€335,00	Contact Us
Color Camera	PHX016S-CS-IX	1/2.9"	1.60	GigE, ix Industrial®	S-Mount (M12 x 0.5)	#13-660	€335,00	2 In Stock
Monochrome Camera	PHX016S-MS-IX	1/2.9"	1.60	GigE, ix Industrial®	S-Mount (M12 x 0.5)	#13-659	€335,00	Contact Us
Color Camera	PHX023S-CC	1/2.3"	2.30	GigE, RJ45	C-Mount	#13-662	€387,00	Contact Us
Monochrome Camera	PHX023S-MC	1/2.3"	2.30	GigE, RJ45	C-Mount	#13-661	€387,00	Contact Us
Color Camera	PHX023S-CC-IX	1/2.3"	2.30	GigE, ix Industrial®	C-Mount	#13-668	€387,00	Contact Us
Monochrome Camera	PHX023S-MC-IX	1/2.3"	2.30	GigE, ix Industrial®	C-Mount	#13-667	€387,00	Contact Us
Color Camera	PHX023S-CNF	1/2.3"	2.30	GigE, RJ45	NF-Mount	#13-664	€387,00	Contact Us
Monochrome Camera	PHX023S-MNF	1/2.3"	2.30	GigE, RJ45	NF-Mount	#13-663	€387,00	Contact Us
Color Camera	PHX023S-CNF-IX	1/2.3"	2.30	GigE, ix Industrial®	NF-Mount	#13-670	€387,00	Contact Us
Monochrome Camera	PHX023S-MNF-IX	1/2.3"	2.30	GigE, ix Industrial®	NF-Mount	#13-669	€387,00	Contact Us
Color Camera	PHX023S-CS	1/2.3"	2.30	GigE, RJ45	S-Mount (M12 x 0.5)	#13-666	€387,00	Contact Us
Monochrome Camera	PHX023S-MS	1/2.3"	2.30	GigE, RJ45	S-Mount (M12 x 0.5)	#13-665	€387,00	Contact Us
Color Camera	PHX023S-CS-IX	1/2.3"	2.30	GigE, ix Industrial®	S-Mount (M12 x 0.5)	#13-672	€387,00	Contact Us
Monochrome Camera	PHX023S-MS-IX	1/2.3"	2.30	GigE, ix Industrial®	S-Mount (M12 x 0.5)	#13-671	€387,00	Contact Us
Color Camera	PHX032S-CC	1/1.8"	3.20	GigE, RJ45	C-Mount	#11-465	€469,00	Contact Us
Monochrome Camera	PHX032S-MC	1/1.8"	3.20	GigE, RJ45	C-Mount	#11-464	€469,00	1 In Stock
Color Camera	PHX032S-CC-IX	1/1.8"	3.20	GigE, ix Industrial®	C-Mount	#13-678	€469,00	Contact Us
Monochrome Camera	PHX032S-MC-IX	1/1.8"	3.20	GigE, ix Industrial®	C-Mount	#13-677	€469,00	Contact Us
Color Camera	PHX032S-CNF	1/1.8"	3.20	GigE, RJ45	NF-Mount	#13-674	€469,00	Contact Us
Monochrome Camera	PHX032S-MNF	1/1.8"	3.20	GigE, RJ45	NF-Mount	#13-673	€469,00	Contact Us
Color Camera	PHX032S-CNF-IX	1/1.8"	3.20	GigE, ix Industrial®	NF-Mount	#13-680	€469,00	Contact Us

Monochrome Camera	PHX032S-MNF-IX	1/1.8"	3.20	GigE, ix Industrial®	NF-Mount	#13-679	€469,00	Contact Us
Color Camera	PHX032S-CS	1/1.8"	3.20	GigE, RJ45	S-Mount (M12 x 0.5)	#13-676	€469,00	Contact Us
Monochrome Camera	PHX032S-MS	1/1.8"	3.20	GigE, RJ45	S-Mount (M12 x 0.5)	#13-675	€469,00	Contact Us
Color Camera	PHX032S-CS-IX	1/1.8"	3.20	GigE, ix Industrial®	S-Mount (M12 x 0.5)	#13-682	€469,00	Contact Us
Monochrome Camera	PHX032S-MS-IX	1/1.8"	3.20	GigE, ix Industrial®	S-Mount (M12 x 0.5)	#13-681	€469,00	Contact Us
Color Camera	PHX050S-CC	2/3"	5.00	GigE, RJ45	C-Mount	#11-467	€615,00	2 In Stock
Monochrome Camera	PHX050S-MC	2/3"	5.00	GigE, RJ45	C-Mount	#11-466	€615,00	3 In Stock
Color Camera	PHX050S-CC-IX	2/3"	5.00	GigE, ix Industrial®	C-Mount	#13-686	€615,00	Contact Us
Monochrome Camera	PHX050S-MC-IX	2/3"	5.00	GigE, ix Industrial®	C-Mount	#13-685	€615,00	Contact Us
Color Camera	PHX050S-CNF	2/3"	5.00	GigE, RJ45	NF-Mount	#13-684	€615,00	Contact Us
Monochrome Camera	PHX050S-MNF	2/3"	5.00	GigE, RJ45	NF-Mount	#13-683	€615,00	Contact Us
Color Camera	PHX050S-CNF-IX	2/3"	5.00	GigE, ix Industrial®	NF-Mount	#13-688	€615,00	Contact Us
Monochrome Camera	PHX050S-MNF-IX	2/3"	5.00	GigE, ix Industrial®	NF-Mount	#13-687	€615,00	Contact Us
Color Camera	PHX050S-CNL	2/3"	5.00	GigE, RJ45	No Lens Mount	#13-690	€615,00	Contact Us
Monochrome Camera	PHX050S-MNL	2/3"	5.00	GigE, RJ45	No Lens Mount	#13-689	€615,00	Contact Us
Color Camera	PHX050S-CNL-IX	2/3"	5.00	GigE, ix Industrial®	No Lens Mount	#13-692	€615,00	Contact Us
Monochrome Camera	PHX050S-MNL-IX	2/3"	5.00	GigE, ix Industrial®	No Lens Mount	#13-691	€615,00	Contact Us
Polarized Color Camera	PHX050S1-QC	2/3"	5.00	GigE, RJ45	C-Mount	#19-624	€820,00	Contact Us
Polarized Monochrome Camera	PHX050S1-PC	2/3"	5.00	GigE, RJ45	C-Mount	#19-623	€820,00	2 In Stock
Polarized Color Camera	PHX050S-QC	2/3"	5.00	GigE, RJ45	C-Mount	#13-694	€2.010,00	1 In Stock
Polarized Monochrome Camera	PHX050S-PC	2/3"	5.00	GigE, RJ45	C-Mount	#13-693	€2.010,00	2 In Stock

Polarized Color Camera	PHX050S- QC-IX	2/3"	5.00	GigE, ix Industrial®	C- Mount	#13-698	€2.010,00	Contact Us
Polarized Monochrome Camera	PHX050S- PC-IX	2/3"	5.00	GigE, ix Industrial®	C- Mount	#13-697	€2.010,00	Contact Us
Polarized Color Camera	PHX050S- QNF	2/3"	5.00	GigE, RJ45	NF- Mount	#13-696	€2.010,00	Contact Us
Polarized Monochrome Camera	PHX050S- PNF	2/3"	5.00	GigE, RJ45	NF- Mount	#13-695	€2.010,00	Contact Us
Polarized Color Camera	PHX050S- QNF-IX	2/3"	5.00	GigE, ix Industrial®	NF- Mount	#13-700	€2.010,00	Contact Us
Polarized Monochrome Camera	PHX050S- PNF-IX	2/3"	5.00	GigE, ix Industrial®	NF- Mount	#13-699	€2.010,00	Contact Us
Color Camera	PHX051S- CC	1/1.8"	5.00	GigE, RJ45	C- Mount	#25-133	€438,00	Contact Us
Monochrome Camera	PHX051S- MC	1/1.8"	5.00	GigE, RJ45	C- Mount	#25-134	€438,00	2 In Stock
Color Camera	PHX051S- CC-IX	1/1.8"	5.00	GigE, ix Industrial®	C- Mount	#25-137	€438,00	1 In Stock

#25-137-RCD-05P Recertified



Recertified

Stock No.: 25-137-RCD-05P
Recertified Code: 05P (All Original
Parts Included, Perfect)

Recertified
Products

Typically 1-2 Recertified Products are
in stock at a time. Please contact our
sales team if you would like exact
availability of an item.

Recertified products are those
identified with the recertified logo
indicating they were returned to
Edmund Optics® and cannot be sold
as new for the following reasons:

- Open Box – Missing original
packaging
- Cosmetic Blemishes –
Scratches, rub marks or other
minor cosmetic imperfections
- Service/Repair – Product has
been serviced to the factory
original specification
- Factory Returns – Product has
been returned in its original
condition

Recertified products are inspected for
damage and any necessary repairs are
made. Products are then certified by
Edmund Optics® to be in good working
order. Since quantity is low, recertified
products are sold on a first come, first
serve basis. Any imperfections will be
listed in the description, indicated in the
stock number, and categorized by the
table below. When purchasing
recertified products, the Edmund
Optics® standard [return policy](#) applies.

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Web Specials section of our website.

Color
Camera

PHX051S-
CC-IX

1/1.8"

5.00

GigE, ix
Industrial®

C-
Mount

€371,25

1 In Stock

Parts		Cosmetic	
05	All Original Parts Included	P	Perfect
	04	Missing Manual	N
	03	Missing Manual and Small Accessory	J
	02	Missing Manual and Large Accessory	
			Minor Defect/Scratches
			Major Defect/Scratches

Monochrome Camera	PHX051S-MC-IX	1/1.8"	5.00	GigE, ix Industrial®	C-Mount	#25-138	€438,00	1 In Stock
Color Camera	PHX051S-CNF	1/1.8"	5.00	GigE, RJ45	NF-Mount	#25-135	€560,00	1 In Stock
Monochrome Camera	PHX051S-MNF	1/1.8"	5.00	GigE, RJ45	NF-Mount	#25-136	€560,00	Contact Us
Color Camera	PHX051S-CNF-IX	1/1.8"	5.00	GigE, ix Industrial®	NF-Mount	#25-139	€438,00	1 In Stock
Monochrome Camera	PHX051S-MNF-IX	1/1.8"	5.00	GigE, ix Industrial®	NF-Mount	#25-140	€438,00	1 In Stock
Color Camera	PHX064S-CC	1/1.8"	6.30	GigE, RJ45	C-Mount	#13-702	€335,00	Contact Us
Monochrome Camera	PHX064S-MC	1/1.8"	6.30	GigE, RJ45	C-Mount	#13-701	€335,00	1 In Stock
Color Camera	PHX064S-CC-IX	1/1.8"	6.30	GigE, ix Industrial®	C-Mount	#13-704	€335,00	Contact Us
Monochrome Camera	PHX064S-MC-IX	1/1.8"	6.30	GigE, ix Industrial®	C-Mount	#13-703	€335,00	Contact Us

[#75-058 New](#)



New

Launched on our website before appearing in our latest print catalogs. Be the first to buy before anyone else!

Color Camera	PHX064S-CS	1/1.8"	6.30	GigE, RJ45	S-Mount (M12 x 0.5)		€335,00	Contact Us
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[#75-059 New](#)



New

Launched on our website before appearing in our latest print catalogs. Be the first to buy before anyone else!

Monochrome Camera	PHX064S-MS	1/1.8"	6.30	GigE, RJ45	S-Mount (M12 x 0.5)		€335,00	1 In Stock
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Color Camera	PHX081S-CC	2/3"	8.10	GigE, RJ45	C-Mount	#25-141	€715,00	1 In Stock
Monochrome Camera	PHX081S-MC	2/3"	8.10	GigE, RJ45	C-Mount	#25-142	€715,00	Contact Us
Color Camera	PHX081S-CC-IX	2/3"	8.10	GigE, ix Industrial®	C-Mount	#25-143	€715,00	Contact Us
Monochrome Camera	PHX081S-MC-IX	2/3"	8.10	GigE, ix Industrial®	C-Mount	#25-144	€715,00	Contact Us
Color Camera	PHX089S-CC	1"	8.90	GigE, RJ45	C-Mount	#11-469	€1.225,00	1 In Stock
Color Camera	PHX089S-CC	1"	8.90	GigE, RJ45	C-Mount	#11-468	€1.225,00	1 In Stock
Color Camera	PHX109S-CC	1.1"	12.30	GigE, RJ45	C-Mount	#11-473	€1.645,00	1 In Stock
Monochrome Camera	PHX120S-MC	1.1"	12.30	GigE, RJ45	C-Mount	#11-472	€1.645,00	2 In Stock
Color Camera	PHX122S-CC	1/1.7"	12.20	GigE, RJ45	C-Mount	#13-706	€407,00	1 In Stock



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