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



- Compact 29 x 29 x 45mm Form Factor
- Global, Rolling, or Polarized CMOS Sensors
- IP67 Protection with Optional Lens Tubes

Common Specifications

General

Manufacturer:	Lucid Vision Labs	Camera Series:	Triton™
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Physical & Mechanical Properties

Weight (g):	67	Housing:	Full
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Sensor

Type of Sensor:	Progressive Scan CMOS	Machine Vision Standard:	GigE Vision v2.0
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Hardware & Interface Connectivity

Connector:	GigE, M12	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 M8		

Threading & Mounting

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

Operating Temperature (°C):	-20 to +55
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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
Monochrome Camera	TRI004S-MC	1/2.9"	0.40	GigE, M12	C-Mount	#13-709	£280.00	Contact Us
Color Camera	TRI004S-CC	1/2.9"	0.40	GigE, M12	C-Mount	#13-710	£280.00	Contact Us
Monochrome Camera	TRI005S-MC	1/1.7"	0.50	GigE, M12	C-Mount	#25-131	£325.60	1 In Stock
Color Camera	TRI005S-CC	1/1.7"	0.50	GigE, M12	C-Mount	#25-132	£325.60	Contact Us
Monochrome Camera	TRI016S-MC	1/2.9"	1.60	GigE, M12	C-Mount	#13-711	£308.80	1 In Stock
Color Camera	TRI016S-CC	1/2.9"	1.60	GigE, M12	C-Mount	#13-712	£308.80	1 In Stock
Monochrome Camera	TRI023S-MC	1/2.3"	2.30	GigE, M12	C-Mount	#13-713	£337.60	2 In Stock
Color Camera	TRI023S-CC	1/2.3"	2.30	GigE, M12	C-Mount	#13-714	£337.60	3 In Stock
Monochrome Camera	TRI028S-MC	2/3"	2.80	GigE, M12	C-Mount	#17-097	£440.00	2 In Stock
Color Camera	TRI028S-CC	2/3"	2.80	GigE, M12	C-Mount	#17-098	£440.00	1 In Stock
Monochrome Camera	TRI032S-MC	1/1.8"	3.20	GigE, M12	C-Mount	#13-715	£416.00	Contact Us
Color Camera	TRI032S-CC	1/1.8"	3.20	GigE, M12	C-Mount	#13-716	£416.00	12 In Stock
Monochrome Camera	TRI050S-MC	2/3"	5.00	GigE, M12	C-Mount	#12-757	£440.00	4 In Stock
Color Camera	TRI050S-CC	2/3"	5.00	GigE, M12	C-Mount	#12-758	£440.00	Contact Us
Polarized Monochrome Camera	TRI050S-PC	2/3"	5.00	GigE, M12	C-Mount	#13-723	£1,696.00	Contact Us
Polarized Color Camera	TRI050S-QC	2/3"	5.00	GigE, M12	C-Mount	#13-724	£1,696.00	5 In Stock
Polarized Monochrome Camera	TRI050S1-PC	2/3"	5.00	GigE, M12	C-Mount	#19-625	£584.00	1 In Stock
Polarized Color Camera	TRI050S1-QC	2/3"	5.00	GigE, M12	C-Mount	#19-626	£584.00	2 In Stock
Monochrome Camera	TRI051S-MC	1/1.8"	5.00	GigE, M12	C-Mount	#18-484	£436.00	5 In Stock
Color Camera	TRI051S-CC	1/1.8"	5.00	GigE, M12	C-Mount	#18-483	£436.00	Contact Us
Color Camera	TRI054S-CC	1/1.55"	5.40	GigE, M12	C-Mount	#17-101	£379.20	Contact Us
Monochrome Camera	TRI064S-MC	1/1.8"	6.30	GigE, M12	C-Mount	#13-717	£321.60	1 In Stock
Color Camera	TRI064S-CC	1/1.8"	6.30	GigE, M12	C-Mount	#13-718	£321.60	1 In Stock

Monochrome Camera	TRI071S-MC	1.1"	7.10	GigE, M12	C-Mount	#17-099	£1,012.00	1 In Stock
Color Camera	TRI071S-CC	1.1"	7.10	GigE, M12	C-Mount	#17-100	£1,012.00	2 In Stock
Monochrome Camera	TRI081S-MC	2/3"	8.10	GigE, M12	C-Mount	#18-482	£584.00	1 In Stock
Color Camera	TRI081S-CC	2/3"	8.10	GigE, M12	C-Mount	#18-481	£584.00	1 In Stock
Monochrome Camera	TRI089S-MC	1"	8.90	GigE, M12	C-Mount	#13-725	£748.00	1 In Stock
Color Camera	TRI089S-CC	1"	8.90	GigE, M12	C-Mount	#13-726	£748.00	1 In Stock
Monochrome Camera	TRI122S-MC	1/1.7"	12.20	GigE, M12	C-Mount	#13-719	£337.60	2 In Stock



Recertified

Stock No.: 13-719-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

Monochrome Camera TRI122S-MC 1/1.7" 12.20 GigE, M12 C-Mount

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.

£375.20

1 In Stock

View all our [recertified products](#) in the Web Specials section of our website.

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

Color Camera	TRI122S-CC	1/1.7"	12.20	GigE, M12	C-Mount	#13-720	£337.60	4 In Stock
 Edmund optics worldwide	TRI206S-CC	1.1"	12.30	GigE, M12	C-Mount	#12-759	£868.00	1 In Stock
	TRI206S-MC	1.1"	12.30	GigE, M12	C-Mount	#12-760	£868.00	2 In Stock
Monochrome Camera	TRI124S-MC	1/1.1"	12.30	GigE, M12	C-Mount	#18-480	£804.00	1 In Stock
Color Camera	TRI124S-CC	1/1.1"	12.30	GigE, M12	C-Mount	#18-479	£804.00	1 In Stock
Monochrome Camera	TRI162S-MC	1.1"	16.20	GigE, M12	C-Mount	#17-102	£1,060.00	1 In Stock
Color Camera	TRI162S-CC	1.1"	16.20	GigE, M12	C-Mount	#17-103	£1,060.00	Contact Us
Monochrome Camera	TRI200S-MC	1"	20.00	GigE, M12	C-Mount	#13-721	£444.00	2 In Stock
Color Camera	TRI200S-CC	1"	20.00	GigE, M12	C-Mount	#13-722	£444.00	3 In Stock
Monochrome Camera	TRI204S-MC	1.1"	20.40	GigE, M12	C-Mount	#17-104	£1,356.00	Contact Us
Color Camera	TRI204S-CC	1.1"	20.40	GigE, M12	C-Mount	#17-105	£1,356.00	Contact Us
Monochrome Camera	TRI245S-MC	1.2"	24.50	GigE, M12	C-Mount	#17-106	£1,508.00	Contact Us
Color Camera	TRI245S-CC	1.2"	24.50	GigE, M12	C-Mount	#17-107	£1,508.00	Contact Us

[#74-738 New](#)



New

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

Color Camera	TDR054S-CC	1/1.55"	5.40	GigE, M12	C-Mount		£488.00	Contact Us
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