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## LUCID Vision Labs Triton™ GigE Power over Ethernet (PoE) Cameras

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- 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™		
<b>Physical &amp; Mechanical Properties</b>					
Weight (g):	67	Housing:	Full		
<b>Sensor</b>					
Type of Sensor:	Progressive Scan CMOS	Machine Vision Standard:	GigE Vision v2.0		
<b>Hardware &amp; Interface Connectivity</b>					
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				
<b>Threading &amp; Mounting</b>					
Mount:	C-Mount				
Mounting Threads:	1/4-20 with Tripod Mount Adapter <a href="#">#11-474</a>				
<b>Environmental &amp; Durability Factors</b>					
Operating Temperature (°C):	-20 to +55				
Storage Temperature (°C):	-30 to +60				

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

Monochrome Camera	TRI071S-MC	1.1"	7.10	GigE, M12	C-Mount	<a href="#">#17-099</a>	£1,012.00	1 In Stock
Color Camera	TRI071S-CC	1.1"	7.10	GigE, M12	C-Mount	<a href="#">#17-100</a>	£1,012.00	2 In Stock
Monochrome Camera	TRI081S-MC	2/3"	8.10	GigE, M12	C-Mount	<a href="#">#18-482</a>	£584.00	1 In Stock
Color Camera	TRI081S-CC	2/3"	8.10	GigE, M12	C-Mount	<a href="#">#18-481</a>	£584.00	1 In Stock
Monochrome Camera	TRI089S-MC	1"	8.90	GigE, M12	C-Mount	<a href="#">#13-725</a>	£748.00	1 In Stock
Color Camera	TRI089S-CC	1"	8.90	GigE, M12	C-Mount	<a href="#">#13-726</a>	£748.00	1 In Stock
Monochrome Camera	TRI122S-MC	1/1.7"	12.20	GigE, M12	C-Mount	<a href="#">#13-719</a>	£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 <a href="#">return policy</a> applies.	£375.20	1 In Stock
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Web Specials section of our website.

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

Color Camera	TRI122S-CC	1/1.7"	12.20	GigE, M12	C-Mount	<a href="#">#13-720</a>	£337.60	4 In Stock
 <b>Edmund</b> optics   worldwide	2.30			GigE, M12	C-Mount	<a href="#">#12-759</a>	£868.00	1 In Stock
Copyright 2023 Edmund Optics Ltd Unit 12, Opus Avenue, Nether Poppleton, York, YO26 6BL, UK Phone: +44 1904 630 092 : <a href="http://www.edmundoptics.com">www.edmundoptics.com</a>	1.1"	12.30	GigE, M12	C-Mount		<a href="#">#12-760</a>	£868.00	2 In Stock
Monochrome Camera	TRI124S-MC	1/1.1"	12.30	GigE, M12	C-Mount	<a href="#">#18-480</a>	£804.00	1 In Stock
Color Camera	TRI124S-CC	1/1.1"	12.30	GigE, M12	C-Mount	<a href="#">#18-479</a>	£804.00	1 In Stock
Monochrome Camera	TRI162S-MC	1.1"	16.20	GigE, M12	C-Mount	<a href="#">#17-102</a>	£1,060.00	1 In Stock
Color Camera	TRI162S-CC	1.1"	16.20	GigE, M12	C-Mount	<a href="#">#17-103</a>	£1,060.00	Contact Us
Monochrome Camera	TRI200S-MC	1"	20.00	GigE, M12	C-Mount	<a href="#">#13-721</a>	£444.00	2 In Stock
Color Camera	TRI200S-CC	1"	20.00	GigE, M12	C-Mount	<a href="#">#13-722</a>	£444.00	3 In Stock
Monochrome Camera	TRI204S-MC	1.1"	20.40	GigE, M12	C-Mount	<a href="#">#17-104</a>	£1,356.00	Contact Us
Color Camera	TRI204S-CC	1.1"	20.40	GigE, M12	C-Mount	<a href="#">#17-105</a>	£1,356.00	Contact Us
Monochrome Camera	TRI245S-MC	1.2"	24.50	GigE, M12	C-Mount	<a href="#">#17-106</a>	£1,508.00	Contact Us
Color Camera	TRI245S-CC	1.2"	24.50	GigE, M12	C-Mount	<a href="#">#17-107</a>	£1,508.00	Contact Us

[#74-738 New](#)

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