

[All Products](#) / [Cameras](#) / [Gigabit Ethernet Cameras](#)

LUCID Vision Labs Atlas™ Power over Ethernet (PoE) 5GBASE-T (5GigE) Cameras

 More by [LUCID Vision Labs™](#)


- 5GBASE-T (5GigE) Ethernet Interface
- 2.8 to 31.4 Megapixel Sensors
- Compact 55 x 55 x 70mm Design
- TFL-Mount Compatible with [TECHSPEC® CA Series FFL Lenses](#)

Common Specifications

General

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

Weight (g):	240	Housing:	Full
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Sensor

Image Buffer:	380MB	Type of Sensor:	Progressive Scan CMOS
Shutter Type:	Global	Pixel Depth:	8/10/12 Bit
Machine Vision Standard:	GigE Vision v2.0		

Hardware & Interface Connectivity

Connector:	5GigE, 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

Mounting Threads:	1/4-20 with Tripod Mount Adapter #13-751
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Environmental & Durability Factors

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	ATL028S-MC	2/3"	2.80	5GigE, M12	C-Mount	#17-108	C\$1,806.00	1 In Stock
Color Camera	ATL028S-CC	2/3"	2.80	5GigE, M12	C-Mount	#17-109	C\$1,806.00	Contact Us
Monochrome Camera	ATL050S-MC	2/3"	5.00	5GigE, M12	C-Mount	#13-737	C\$2,156.00	Contact Us
Color Camera	ATL050S-CC	2/3"	5.00	5GigE, M12	C-Mount	#13-738	C\$2,156.00	1 In Stock
Monochrome Camera	ATL071S-MC	1.1"	7.10	5GigE, M12	C-Mount	#17-110	C\$3,171.00	Contact Us
Color Camera	ATL071S-CC	1.1"	7.10	5GigE, M12	C-Mount	#17-111	C\$3,171.00	Contact Us



Recertified

Stock No.: 17-111-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

Color Camera	ATL071S-CC	1.1"	7.10	5GigE, M12	C-Mount	C\$2,570.40	1 In Stock
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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.

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	

Monochrome Camera	ATL089S-MC	1"	8.90	5GigE, M12	C-Mount	#13-735	C\$3,598.00	Contact Us
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Color Camera	ATL089S-CC	1"	8.90	5GigE, M12	C-Mount	#13-736	C\$3,598.00	Contact Us	
#74-722 New									
Color Camera	ATL120S-CNL	1.1"	12.30	5GigE, M12	No Lens Mount	New	C\$4,032.00	Contact Us	
Launched on our website before appearing in our latest print catalogs. Be the first to buy before anyone else!									
#74-723 New									
Copyright 2023, Edmund Optics Inc., 101 East Gloucester Pike, Barrington, NJ 08007-1380 USA	Monochrome Camera	ATL120S-MC	1.1"	12.30	5GigE, M12	No Lens Mount	New	C\$4,032.00	Contact Us
800.363.1199	Color Camera	ATL120S-CC	1.1"	12.30	5GigE, M12	C-Mount	#13-734	C\$4,032.00	1 In Stock
www.edmundoptics.com	Monochrome Camera	ATL168S-MT	4/3"	16.80	5GigE, M12	TFL-Mount	#13-731	C\$5,698.00	Contact Us
	Color Camera	ATL168S-CT	4/3"	16.80	5GigE, M12	TFL-Mount	#13-732	C\$5,698.00	Contact Us
	Monochrome Camera	ATL196S-MT	4/3"	19.60	5GigE, M12	TFL-Mount	#13-729	C\$6,489.00	Contact Us
	Color Camera	ATL196S-CT	4/3"	19.60	5GigE, M12	TFL-Mount	#13-730	C\$6,489.00	Contact Us
	Monochrome Camera	ATL314S-MT	APS-C	31.40	5GigE, M12	TFL-Mount	#13-727	C\$8,582.00	1 In Stock
	Color Camera	ATL314S-CT	APS-C	31.40	5GigE, M12	TFL-Mount	#13-728	C\$8,582.00	Contact Us
	Monochrome Camera	ATL314S-MNL	APS-C	31.40	5GigE, M12	No Lens Mount	#25-129	C\$8,582.00	1 In Stock
	Color Camera	ATL314S-CNL	APS-C	31.40	5GigE, M12	No Lens Mount	#25-130	C\$8,582.00	1 In Stock