

[All Products](#) / [Cameras](#) / [Allied Vision Cameras](#)

Allied Vision Alvium G5 5GigE PoE Cameras

 See More by [Allied Vision](#)


- 4.2 Times More Bandwidth than GigE
- Up to 24.6MP Resolution with Framerates up to 691 FPS
- Onboard Image Processing and Expansive Feature Sets

Common Specifications

General

Manufacturer:	Allied Vision	Camera Series:	Alvium G5
---------------	---------------	----------------	-----------

Physical & Mechanical Properties

Housing:	Full
----------	------

Sensor

Image Buffer:	512KB
---------------	-------

Type of Sensor:	Progressive Scan CMOS	Dynamic Range (dB):	Not Specified
-----------------	-----------------------	---------------------	---------------

Machine Vision Standard:	GigE Vision V2.2, GenlCam V2.0
--------------------------	--------------------------------

Hardware & Interface Connectivity

Interface:	5GigE (PoE)
------------	-------------

Connector:	5GigE, RJ45 with Screw Locks	Power Supply:	PoE, 12 to 24 VDC via GPIO, or with external power supply #23-581
------------	------------------------------	---------------	---

GPIOs:	1 opto-isolated input, 1 opto-isolated output, 2 non-isolated GPIOs	Synchronization:	Hardware Trigger (GPIO) or Software Trigger
--------	---	------------------	---

Interface Port Orientation:	Back Panel	GPIO Connector Type:	10-pin TFM
-----------------------------	------------	----------------------	------------

Threading & Mounting

Mounting Threads:	1/4"-20 and M6 with Tripod Mount Adapter #14-156
-------------------	--

Environmental & Durability Factors

Operating Temperature (°C):	+5 to +60
-----------------------------	-----------

Storage Temperature (°C):	-20 to +85
---------------------------	------------

Technical Information

Products

Type	Model Number	Sensor Format	Resolution (Megapixels)	Mount	Stock Number	Price	Buy
Monochrome Camera	Alvium G5-052m	1/1.7"	0.50	C-Mount	#23-615	\$\\$1,288.00	Contact Us
Color Camera	Alvium G5-052c	1/1.7"	0.50	C-Mount	#23-616	\$\\$1,316.00	5 In Stock
Monochrome Camera	Alvium G5-291m	2/3"	2.90	C-Mount	#23-617	\$\\$1,778.00	2 In Stock
Color Camera	Alvium G5-291c	2/3"	2.90	C-Mount	#23-618	\$\\$1,792.00	Contact Us
Monochrome Camera	Alvium G5-500m	1/2.5"	5.00	C-Mount	#23-619	\$\\$1,050.00	1 In Stock
Color Camera	Alvium G5-500c	1/2.5"	5.00	C-Mount	#23-620	\$\\$1,064.00	1 In Stock
Monochrome Camera	Alvium G5-500m	1/2.5"	5.00	S-Mount (M12 x 0.5)	#23-621	\$\\$1,050.00	Contact Us
Color Camera	Alvium G5-500c	1/2.5"	5.00	S-Mount (M12 x 0.5)	#23-622	\$\\$1,064.00	Contact Us
Monochrome Camera	Alvium G5-508m	2/3"	5.10	C-Mount	#23-623	\$\\$2,184.00	1 In Stock

[#23-623-RCD-05P Recertified](#)



Recertified

Stock No.: 23-623-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	Alvium G5-508m	2/3"	5.10	C-Mount	<p>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.</p> <p>View all our recertified products in the Web Specials section of our website.</p>	\$1,946.00	1 In Stock
-------------------	----------------	------	------	---------	--	------------	------------

		Parts	Cosmetic	
		All Original Parts Included	P	Perfect
05				
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	Alvium G5-508c	2/3"	5.10	C-Mount	#23-624	\$2,198.00	2 In Stock
Color Camera	Alvium G5-510c	1/1.8"	5.10	C-Mount	#26-190	\$1,442.00	5 In Stock
Color Camera	Alvium G5-510c	1/1.8"	5.10	CS-Mount	#26-344	\$1,442.00	1 In Stock
Monochrome Camera	Alvium G5-510m	1/1.8"	5.10	C-Mount	#26-188	\$1,428.00	Contact Us
Color Camera	Alvium G5-510c	1/1.8"	5.10	S-Mount (M12 x 0.5)	#26-191	\$1,442.00	2 In Stock

[#26-191-RCD-05P Recertified](#)



Recertified

Stock No.: 26-191-RCD-05P

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

S-
Mount
(M12 x
0.5)

Color Camera Alvium G5-510c 1/1.8" 5.10 S\$1,477.00 1 In Stock

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 Alvium G5-510m 1/1.8" 5.10 CS-Mount #26-343 S\$1,428.00 1 In Stock

Monochrome Camera	Alvium G5-510m	1/1.8"	5.10	S-Mount (M12 x 0.5)	#26-189	\$1,428.00	Contact Us
Monochrome Camera	Alvium G5-811m	2/3"	8.10	C-Mount	#23-629	\$1,806.00	Contact Us
Color Camera	Alvium G5-811c	2/3"	8.10	C-Mount	#23-630	\$1,820.00	2 In Stock
UV Camera	Alvium G5-812UV	2/3"	8.10	C-Mount	#26-197	\$8,400.00	1 In Stock
UV Camera	Alvium G5-812UV	2/3"	8.10	CS-Mount	#26-349	\$8,400.00	Contact Us
Color Camera	Alvium G5-1242c	1/1.7"	12.40	C-Mount	#26-193	\$2,436.00	1 In Stock
Color Camera	Alvium G5-1242c	1/1.7"	12.40	CS-Mount	#26-346	\$2,436.00	Contact Us
Monochrome Camera	Alvium G5-1242m	1/1.7"	12.40	C-Mount	#26-192	\$2,422.00	Contact Us
Monochrome Camera	Alvium G5-1242m	1/1.7"	12.40	CS-Mount	#26-345	\$2,422.00	Contact Us
Monochrome Camera	Alvium G5-1240m	1/1.7"	12.20	C-Mount	#23-631	\$1,190.00	1 In Stock
Color Camera	Alvium G5-1240c	1/1.7"	12.20	C-Mount	#23-632	\$1,218.00	2 In Stock
Monochrome Camera	Alvium G5-1620m	1.1"	16.20	C-Mount	#23-635	\$2,856.00	2 In Stock
Color Camera	Alvium G5-1620c	1.1"	16.20	C-Mount	#23-636	\$2,870.00	Contact Us
Color Camera	Alvium G5-2040c	1.1"	20.40	C-Mount	#26-195	\$3,374.00	1 In Stock
Color Camera	Alvium G5-2040c	1.1"	20.40	CS-Mount	#26-348	\$3,374.00	Contact Us
Monochrome Camera	Alvium G5-2040m	1.1"	20.40	C-Mount	#26-194	\$3,479.00	Contact Us
Monochrome Camera	Alvium G5-2040m	1.1"	20.40	CS-Mount	#26-347	\$3,360.00	Contact Us
Monochrome Camera	Alvium G5-2050m	1"	20.20	C-Mount	#23-637	\$1,610.00	1 In Stock

Color Camera	Alvium G5-2050c	1"	20.20	C-Mount	#23-638	S\$1,638.00	1 In Stock
Monochrome Camera	Alvium G5-2460m	1.2"	24.60	C-Mount	#23-641	S\$3,864.00	1 In Stock
Color Camera	Alvium G5-2460c	1.2"	24.60	C-Mount	#23-642	S\$3,892.00	1 In Stock

[#23-642-RCD-05P Recertified](#)



Recertified

Stock No.: 23-642-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	Alvium G5-2460c	1.2"	24.60	C-Mount	S\$4,830.00	1 In Stock
--------------	-----------------	------	-------	---------	-------------	------------

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

04	Missing Manual	N	Minor Defect/Scratches
03	Missing Manual and Small Accessory	J	Major Defect/Scratches
02	Missing Manual and Large Accessory		



Copyright 2024, Edmund Optics Singapore Pte. Ltd, 18 Woodlands Loop #04-00, Singapore 738100

[PRIVACY POLICY](#) [COOKIE POLICY](#) [TERMS & CONDITIONS](#)

Phone: 1-800-363-1992 :

www.edmundoptics.com