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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 Framrates 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 V1.2, GenICam 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	C\$1,476.30	Contact Us
Color Camera	Alvium G5-052c	1/1.7"	0.50	C-Mount	#23-616	C\$1,507.38	1 In Stock
Monochrome Camera	Alvium G5-291m	2/3"	2.90	C-Mount	#23-617	C\$2,035.74	5 In Stock
Color Camera	Alvium G5-291c	2/3"	2.90	C-Mount	#23-618	C\$2,051.28	1 In Stock
Monochrome Camera	Alvium G5-500m	1/2.5"	5.00	C-Mount	#23-619	C\$1,204.35	1 In Stock
Color Camera	Alvium G5-500c	1/2.5"	5.00	C-Mount	#23-620	C\$1,219.89	1 In Stock
Monochrome Camera	Alvium G5-500m	1/2.5"	5.00	S-Mount (M12 x 0.5)	#23-621	C\$1,204.35	1 In Stock
Color Camera	Alvium G5-500c	1/2.5"	5.00	S-Mount (M12 x 0.5)	#23-622	C\$1,219.89	1 In Stock
Monochrome Camera	Alvium G5-508m	2/3"	5.10	C-Mount	#23-623	C\$2,494.17	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	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.	C\$2,154.97	1 In Stock
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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	Alvium G5-508c	2/3"	5.10	C-Mount	#23-624	C\$2,517.48	1 In Stock
Color Camera	Alvium G5-510c	1/1.8"	5.10	C-Mount	#26-190	C\$1,732.71	8 In Stock
Color Camera	Alvium G5-510c	1/1.8"	5.10	CS-Mount	#26-344	C\$1,732.71	2 In Stock
Monochrome Camera	Alvium G5-510m	1/1.8"	5.10	C-Mount	#26-188	C\$1,717.17	2 In Stock
Color Camera	Alvium G5-510c	1/1.8"	5.10	S-Mount (M12 x 0.5)	#26-191	C\$1,732.71	1 In Stock

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



Recertified

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

Recertified Code: 05P (All Original
Parts Included, Perfect)

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minor cosmetic imperfections
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original specification
- Factory Returns – Product has
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condition

Color Camera	Alvium G5-510c	1/1.8"	5.10	S- Mount (M12 x 0.5)		C\$1,429.68	1 In Stock
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	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	C\$1,631.70	2 In Stock
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Monochrome Camera	Alvium G5-510m	1/1.8"	5.10	S-Mount (M12 x 0.5)	#26-189	C\$1,717.17	1 In Stock
Monochrome Camera	Alvium G5-811m	2/3"	8.10	C-Mount	#23-629	C\$2,206.68	Contact Us
Color Camera	Alvium G5-811c	2/3"	8.10	C-Mount	#23-630	C\$2,237.76	1 In Stock
UV Camera	Alvium G5-812UV	2/3"	8.10	C-Mount	#26-197	C\$11,017.86	2 In Stock
UV Camera	Alvium G5-812UV	2/3"	8.10	CS-Mount	#26-349	C\$11,017.86	Contact Us
Color Camera	Alvium G5-1242c	1/1.7"	12.40	C-Mount	#26-193	C\$2,975.91	2 In Stock
Color Camera	Alvium G5-1242c	1/1.7"	12.40	CS-Mount	#26-346	C\$2,975.91	1 In Stock
Monochrome Camera	Alvium G5-1242m	1/1.7"	12.40	C-Mount	#26-192	C\$2,944.83	1 In Stock
Monochrome Camera	Alvium G5-1242m	1/1.7"	12.40	CS-Mount	#26-345	C\$2,797.20	1 In Stock
Monochrome Camera	Alvium G5-1240m	1/1.7"	12.20	C-Mount	#23-631	C\$1,359.75	3 In Stock
Color Camera	Alvium G5-1240c	1/1.7"	12.20	C-Mount	#23-632	C\$1,390.83	4 In Stock
Monochrome Camera	Alvium G5-1620m	1.1"	16.20	C-Mount	#23-635	C\$3,263.40	5 In Stock
Color Camera	Alvium G5-1620c	1.1"	16.20	C-Mount	#23-636	C\$3,473.19	1 In Stock
Color Camera	Alvium G5-2040c	1.1"	20.40	C-Mount	#26-195	C\$4,079.25	2 In Stock
Color Camera	Alvium G5-2040c	1.1"	20.40	CS-Mount	#26-348	C\$4,079.25	1 In Stock
Monochrome Camera	Alvium G5-2040m	1.1"	20.40	C-Mount	#26-194	C\$3,885.00	Contact Us
Monochrome Camera	Alvium G5-2040m	1.1"	20.40	CS-Mount	#26-347	C\$3,729.60	1 In Stock
Monochrome Camera	Alvium G5-2050m	1"	20.20	C-Mount	#23-637	C\$1,841.49	1 In Stock

Color Camera	Alvium G5-2050c	1"	20.20	C-Mount	#23-638	C\$1,872.57	5 In Stock
Monochrome Camera	Alvium G5-2460m	1.2"	24.60	C-Mount	#23-641	C\$4,879.56	1 In Stock
Color Camera	Alvium G5-2460c	1.2"	24.60	C-Mount	#23-642	C\$4,895.10	1 In Stock

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



Recertified

Stock No.: 23-642-RCD-05P
Recertified Code: 05P (All Original
Parts Included, Perfect)

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Color Camera	Alvium G5-2460c	1.2"	24.60	C-Mount		C\$4,836.05	1 In Stock
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Parts		Cosmetic	
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04	Missing Manual	N	Minor Defect/Scratches
03	Missing Manual and Small Accessory	J	Major Defect/Scratches
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