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Allied Vision Alvium G1 GigE PoE Cameras See More by [Allied Vision](#)



- Up to 24.6MP Resolution with Framrates up to 276FPS
- Robust Industrial GigE Vision Interface with PoE
- Onboard Image Processing and Expansive Feature Sets
- Alvium G5 and [Allied Vision Alvium USB 3.1 Cameras](#) Also Available

Common Specifications

General

Manufacturer:	Allied Vision	Camera Series:	Alvium G1
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Physical & Mechanical Properties

Weight (g):	65	Housing:	Full
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Sensor

Image Buffer:	32MB	Type of Sensor:	Progressive Scan CMOS
Dynamic Range (dB):	Not Specified	Machine Vision Standard:	GigE Vision V2.2, GenICam V2.0

Hardware & Interface Connectivity

Interface:	GigE (PoE)	Connector:	GigE, 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:	¼"-20 and M6 with Tripod Mount Adapter #14-156
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Environmental & Durability Factors

Operating Temperature (°C):	-20 to +50	Storage Temperature (°C):	-20 to +85
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Technical Information

Products

Type	Model Number	Sensor Format	Resolution (Megapixels)	Mount	Stock Number	Price	Buy
Monochrome Camera	Alvium G1-040m	1/2.9"	0.40	C-Mount	#23-533	£402.90	Contact Us
Color Camera	Alvium G1-040c	1/2.9"	0.40	C-Mount	#23-534	£420.75	1 In Stock
Monochrome Camera	Alvium G1-040m	1/2.9"	0.40	S-Mount (M12 x 0.5)	#23-535	£402.90	Contact Us
Color Camera	Alvium G1-040c	1/2.9"	0.40	S-Mount (M12 x 0.5)	#23-536	£420.75	1 In Stock
Monochrome Camera	Alvium G1-158m	1/2.9"	1.60	C-Mount	#23-537	£437.75	1 In Stock
Color Camera	Alvium G1-158c	1/2.9"	1.60	C-Mount	#23-538	£446.25	2 In Stock
Monochrome Camera	Alvium G1-158m	1/2.9"	1.60	S-Mount (M12 x 0.5)	#23-539	£437.75	1 In Stock
Color Camera	Alvium G1-158c	1/2.9"	1.60	S-Mount (M12 x 0.5)	#23-540	£446.25	2 In Stock
Monochrome Camera	Alvium G1-234m	1/1.2"	2.35	C-Mount	#23-541	£561.00	2 In Stock
Color Camera	Alvium G1-234c	1/1.2"	2.35	C-Mount	#23-542	£569.50	1 In Stock
Monochrome Camera	Alvium G1-240m	1/2.3"	2.40	C-Mount	#23-543	£437.75	Contact Us
Color Camera	Alvium G1-240c	1/2.3"	2.40	C-Mount	#23-544	£446.25	Contact Us

Monochrome Camera	Alvium G1-240m	1/2.3"	2.40	S-Mount (M12 x 0.5)	#23-545	£437.75	1 In Stock
Color Camera	Alvium G1-240c	1/2.3"	2.40	S-Mount (M12 x 0.5)	#23-546	£446.25	Contact Us
Monochrome Camera	Alvium G1-319m	1/1.8"	3.20	C-Mount	#23-547	£578.00	1 In Stock
Color Camera	Alvium G1-319c	1/1.8"	3.20	C-Mount	#23-548	£586.50	2 In Stock
Monochrome Camera	Alvium G1-319m	1/1.8"	3.20	S-Mount (M12 x 0.5)	#23-549	£578.00	Contact Us
Color Camera	Alvium G1-319c	1/1.8"	3.20	S-Mount (M12 x 0.5)	#23-550	£586.50	1 In Stock
Monochrome Camera	Alvium G1-500m	1/2.5"	5.00	C-Mount	#23-551	£402.90	2 In Stock
Color Camera	Alvium G1-500c	1/2.5"	5.00	C-Mount	#23-552	£420.75	Contact Us
Monochrome Camera	Alvium G1-500m	1/2.5"	5.00	S-Mount (M12 x 0.5)	#23-553	£402.90	Contact Us
Color Camera	Alvium G1-500c	1/2.5"	5.00	S-Mount (M12 x 0.5)	#23-554	£420.75	1 In Stock
Monochrome Camera	Alvium G1-507m	2/3"	5.10	C-Mount	#23-555	£807.50	Contact Us
Color Camera	Alvium G1-507c	2/3"	5.10	C-Mount	#23-556	£824.50	3 In Stock
Color Camera	Alvium G1-510c	1/1.8"	5.10	C-Mount	#26-182	£667.25	2 In Stock
Color Camera	Alvium G1-510c	1/1.8"	5.10	CS-Mount	#26-339	£667.25	Contact Us

Monochrome Camera	Alvium G1-510m	1/1.8"	5.10	C-Mount	#26-180	£658.75	2 In Stock
Color Camera	Alvium G1-510c	1/1.8"	5.10	S-Mount (M12 x 0.5)	#26-183	£667.25	6 In Stock
Monochrome Camera	Alvium G1-510m	1/1.8"	5.10	CS-Mount	#26-338	£658.75	Contact Us
Monochrome Camera	Alvium G1-510m	1/1.8"	5.10	S-Mount (M12 x 0.5)	#26-181	£658.75	Contact Us
UV Camera	Alvium G1-812 UV	2/3"	8.10	C-Mount	#26-196	£5,678.00	1 In Stock
UV Camera	Alvium G1-812 UV	2/3"	8.10	CS-Mount	#26-342	£5,678.00	Contact Us
Monochrome Camera	Alvium G1-811m	2/3"	8.10	C-Mount	#23-561	£901.00	Contact Us
Color Camera	Alvium G1-811c	2/3"	8.10	C-Mount	#23-562	£909.50	Contact Us
Monochrome Camera	Alvium G1-1236m	1.1"	12.40	C-Mount	#23-563	£1,402.50	1 In Stock
Color Camera	Alvium G1-1236c	1.1"	12.40	C-Mount	#23-564	£1,411.00	2 In Stock
Color Camera	Alvium G1-1240c	1/1.7"	12.20	C-Mount	#26-186	£446.25	2 In Stock
Color Camera	Alvium G1-1240c	1/1.7"	12.20	CS-Mount	#26-341	£446.25	Contact Us
Color Camera	Alvium G1-1240c	1/1.7"	12.20	S-Mount (M12 x 0.5)	#26-187	£446.25	1 In Stock
Monochrome Camera	Alvium G1-1240m	1/1.7"	12.20	C-Mount	#26-184	£437.75	2 In Stock

Monochrome Camera	Alvium G1-1240m	1/1.7"	12.20	CS-Mount	#26-340	£437.75	Contact Us
Monochrome Camera	Alvium G1-1240m	1/1.7"	12.20	S-Mount (M12 x 0.5)	#26-185	£437.75	1 In Stock
Monochrome Camera	Alvium G1-1242m	1/1.1"	12.40	C-Mount	#23-565	£1,313.25	Contact Us
Color Camera	Alvium G1-1242c	1/1.1"	12.40	C-Mount	#23-566	£1,321.75	Contact Us
Monochrome Camera	Alvium G1-1620m	1.1"	16.20	C-Mount	#23-567	£1,568.25	Contact Us
Color Camera	Alvium G1-1620c	1.1"	16.20	C-Mount	#23-568	£1,576.75	Contact Us
Monochrome Camera	Alvium G1-2040m	1.1"	20.40	C-Mount	#23-571	£1,916.75	Contact Us
Color Camera	Alvium G1-2040c	1.1"	20.40	C-Mount	#23-572	£1,925.25	Contact Us
Monochrome Camera	Alvium G1-2050m	1"	20.20	C-Mount	#23-569	£675.75	4 In Stock
Color Camera	Alvium G1-2050c	1"	20.20	C-Mount	#23-570	£692.75	1 In Stock
Monochrome Camera	Alvium G1-2460m	1.2"	24.60	C-Mount	#23-573	£2,269.50	1 In Stock
Camera	Edmund optics worldwide 2460c			C-Mount	#23-574	£2,278.00	Contact Us