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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 Family: Alvium G1                                                   |  |
| Physical & Mechanical Properties                                                |  |                                                                            |  |
| Weight (g): 65                                                                  |  | Housing: Full                                                              |  |
| Sensor                                                                          |  |                                                                            |  |
| Image Buffer: 32MB                                                              |  | Type of Sensor: Progressive Scan CMOS                                      |  |
| Dynamic Range (dB): Not Specified                                               |  | Machine Vision Standard: GigE Vision V1.2, GenICam V2.0                    |  |
| Hardware & Interface Connectivity                                               |  |                                                                            |  |
| Video Output: 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:                                                               |  | 1/4"-20 and M6 with Tripod Mount Adapter <a href="#">#14-156</a>           |  |
| Environmental & Durability Factors                                              |  |                                                                            |  |
| Operating Temperature (°C): -20 to +50                                          |  | Storage Temperature (°C): -20 to +85                                       |  |

**Technical Information**

Products

| Type              | Model Number   | Camera Sensor Format | Resolution (MegaPixels) | Mount               | Stock Number            | Price   | Buy        |
|-------------------|----------------|----------------------|-------------------------|---------------------|-------------------------|---------|------------|
| Monochrome Camera | Alvium G1-040m | 1/2.9"               | 0.40                    | C-Mount             | <a href="#">#23-533</a> | €474,00 | Contact Us |
| Color Camera      | Alvium G1-040c | 1/2.9"               | 0.40                    | C-Mount             | <a href="#">#23-534</a> | €495,00 | Contact Us |
| Monochrome Camera | Alvium G1-040m | 1/2.9"               | 0.40                    | M12 x 0.5 (S-Mount) | <a href="#">#23-535</a> | €474,00 | 3-4 days   |
| Color Camera      | Alvium G1-040c | 1/2.9"               | 0.40                    | M12 x 0.5 (S-Mount) | <a href="#">#23-536</a> | €495,00 | 3-4 days   |
| Monochrome Camera | Alvium G1-158m | 1/2.9"               | 1.60                    | C-Mount             | <a href="#">#23-537</a> | €515,00 | 3-4 days   |
| Color Camera      | Alvium G1-158c | 1/2.9"               | 1.60                    | C-Mount             | <a href="#">#23-538</a> | €525,00 | 3-4 days   |
| Monochrome Camera | Alvium G1-158m | 1/2.9"               | 1.60                    | M12 x 0.5 (S-Mount) | <a href="#">#23-539</a> | €515,00 | 3-4 days   |
| Color Camera      | Alvium G1-158c | 1/2.9"               | 1.60                    | M12 x 0.5 (S-Mount) | <a href="#">#23-540</a> | €525,00 | 3-4 days   |
| Monochrome Camera | Alvium G1-234m | 1/1.2"               | 2.35                    | C-Mount             | <a href="#">#23-541</a> | €660,00 | 3-4 days   |
| Color Camera      | Alvium G1-234c | 1/1.2"               | 2.35                    | C-Mount             | <a href="#">#23-542</a> | €670,00 | 3-4 days   |
| Monochrome Camera | Alvium G1-240m | 1/2.3"               | 2.40                    | C-Mount             | <a href="#">#23-543</a> | €515,00 | 3-4 days   |
| Color Camera      | Alvium G1-240c | 1/2.3"               | 2.40                    | C-Mount             | <a href="#">#23-544</a> | €525,00 | 3-4 days   |
| Monochrome Camera | Alvium G1-240m | 1/2.3"               | 2.40                    | M12 x 0.5 (S-Mount) | <a href="#">#23-545</a> | €515,00 | 3-4 days   |
| Color Camera      | Alvium G1-240c | 1/2.3"               | 2.40                    | M12 x 0.5 (S-Mount) | <a href="#">#23-546</a> | €525,00 | 3-4 days   |
| Monochrome Camera | Alvium G1-319m | 1/1.8"               | 3.20                    | C-Mount             | <a href="#">#23-547</a> | €680,00 | 3-4 days   |
| Color Camera      | Alvium G1-319c | 1/1.8"               | 3.20                    | C-Mount             | <a href="#">#23-548</a> | €690,00 | In Stock   |
| Monochrome Camera | Alvium G1-319m | 1/1.8"               | 3.20                    | M12 x 0.5 (S-Mount) | <a href="#">#23-549</a> | €680,00 | 3-4 days   |

|                   |                |        |      |                     |                         |         |          |
|-------------------|----------------|--------|------|---------------------|-------------------------|---------|----------|
| Color Camera      | Alvium G1-319c | 1/1.8" | 3.20 | M12 x 0.5 (S-Mount) | <a href="#">#23-550</a> | €690,00 | In Stock |
| Monochrome Camera | Alvium G1-500m | 1/2.5" | 5.00 | C-Mount             | <a href="#">#23-551</a> | €474,00 | In Stock |
| Color Camera      | Alvium G1-500c | 1/2.5" | 5.00 | C-Mount             | <a href="#">#23-552</a> | €495,00 | 3-4 days |
| Monochrome Camera | Alvium G1-500m | 1/2.5" | 5.00 | M12 x 0.5 (S-Mount) | <a href="#">#23-553</a> | €474,00 | 3-4 days |
| Color Camera      | Alvium G1-500c | 1/2.5" | 5.00 | M12 x 0.5 (S-Mount) | <a href="#">#23-554</a> | €495,00 | 3-4 days |
| Monochrome Camera | Alvium G1-507m | 2/3"   | 5.10 | C-Mount             | <a href="#">#23-555</a> | €950,00 | 3-4 days |
| Color Camera      | Alvium G1-507c | 2/3"   | 5.10 | C-Mount             | <a href="#">#23-556</a> | €970,00 | 3-4 days |

[#23-556-RCD-05P Recertified](#)



Recertified

Stock No.: 23-556-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 G1-507c | 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 | €752,00 | 3-4 days |
|--------------|----------------|------|------|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------|

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 |          |                        |

|                     |                  |        |       |                     |                         |           |            |
|---------------------|------------------|--------|-------|---------------------|-------------------------|-----------|------------|
| Color Camera        | Alvium G1-510c   | 1/1.8" | 5.10  | C-Mount             | <a href="#">#26-182</a> | €785,00   | 3-4 days   |
| Color Camera        | Alvium G1-510c   | 1/1.8" | 5.10  | CS-Mount            | <a href="#">#26-339</a> | €785,00   | 3-4 days   |
| Monochrome Camera   | Alvium G1-510m   | 1/1.8" | 5.10  | C-Mount             | <a href="#">#26-180</a> | €775,00   | 3-4 days   |
| Color Camera        | Alvium G1-510c   | 1/1.8" | 5.10  | M12 x 0.5 (S-Mount) | <a href="#">#26-183</a> | €785,00   | 3-4 days   |
| Monochrome Camera   | Alvium G1-510m   | 1/1.8" | 5.10  | CS-Mount            | <a href="#">#26-338</a> | €775,00   | 3-4 days   |
| Monochrome Camera   | Alvium G1-510m   | 1/1.8" | 5.10  | M12 x 0.5 (S-Mount) | <a href="#">#26-181</a> | €775,00   | 3-4 days   |
| Ultra Violet Camera | Alvium G1-812 UV | 2/3"   | 8.10  | C-Mount             | <a href="#">#26-196</a> | €6.680,00 | 3-4 days   |
| Ultra Violet Camera | Alvium G1-812 UV | 2/3"   | 8.10  | CS-Mount            | <a href="#">#26-342</a> | €6.680,00 | Contact Us |
| Monochrome Camera   | Alvium G1-811m   | 2/3"   | 8.10  | C-Mount             | <a href="#">#23-561</a> | €1.060,00 | Contact Us |
| Color Camera        | Alvium G1-811c   | 2/3"   | 8.10  | C-Mount             | <a href="#">#23-562</a> | €1.070,00 | Contact Us |
| Monochrome Camera   | Alvium G1-1236m  | 1.1"   | 12.40 | C-Mount             | <a href="#">#23-563</a> | €1.650,00 | 3-4 days   |
| Color Camera        | Alvium G1-1236c  | 1.1"   | 12.40 | C-Mount             | <a href="#">#23-564</a> | €1.660,00 | 3-4 days   |

|                   |                 |        |       |                     |                         |           |            |
|-------------------|-----------------|--------|-------|---------------------|-------------------------|-----------|------------|
| Color Camera      | Alvium G1-1240c | 1/1.7" | 12.20 | C-Mount             | <a href="#">#26-186</a> | €525,00   | In Stock   |
| Color Camera      | Alvium G1-1240c | 1/1.7" | 12.20 | CS-Mount            | <a href="#">#26-341</a> | €525,00   | 3-4 days   |
| Color Camera      | Alvium G1-1240c | 1/1.7" | 12.20 | M12 x 0.5 (S-Mount) | <a href="#">#26-187</a> | €525,00   | 3-4 days   |
| Monochrome Camera | Alvium G1-1240m | 1/1.7" | 12.20 | C-Mount             | <a href="#">#26-184</a> | €515,00   | In Stock   |
| Monochrome Camera | Alvium G1-1240m | 1/1.7" | 12.20 | CS-Mount            | <a href="#">#26-340</a> | €515,00   | 3-4 days   |
| Monochrome Camera | Alvium G1-1240m | 1/1.7" | 12.20 | M12 x 0.5 (S-Mount) | <a href="#">#26-185</a> | €515,00   | 3-4 days   |
| Monochrome Camera | Alvium G1-1242m | 1/1.1" | 12.40 | C-Mount             | <a href="#">#23-565</a> | €1.545,00 | Contact Us |
| Color Camera      | Alvium G1-1242c | 1/1.1" | 12.40 | C-Mount             | <a href="#">#23-566</a> | €1.555,00 | 3-4 days   |
| Monochrome Camera | Alvium G1-1620m | 1.1"   | 16.20 | C-Mount             | <a href="#">#23-567</a> | €1.845,00 | Contact Us |
| Color Camera      | Alvium G1-1620c | 1.1"   | 16.20 | C-Mount             | <a href="#">#23-568</a> | €1.855,00 | Contact Us |
| Monochrome Camera | Alvium G1-2040m | 1.1"   | 20.40 | C-Mount             | <a href="#">#23-571</a> | €2.255,00 | Contact Us |
| Color Camera      | Alvium G1-2040c | 1.1"   | 20.40 | C-Mount             | <a href="#">#23-572</a> | €2.265,00 | Contact Us |
| Monochrome Camera | Alvium G1-2050m | 1"     | 20.20 | C-Mount             | <a href="#">#23-569</a> | €795,00   | Contact Us |
| Color Camera      | Alvium G1-2050c | 1"     | 20.20 | C-Mount             | <a href="#">#23-570</a> | €815,00   | Contact Us |
| Monochrome Camera | Alvium G1-2460m | 1.2"   | 24.60 | C-Mount             | <a href="#">#23-573</a> | €2.670,00 | Contact Us |
| Color Camera      | Alvium G1-2460c | 1.2"   | 24.60 | C-Mount             | <a href="#">#23-574</a> | €2.680,00 | Contact Us |

