

[All Products](#) / [Cameras](#) / [USB Cameras](#) / [Allied Vision Alvium USB 3.1 Cameras](#)

[See all 141 Products in Family](#)

Allied Vision Alvium 1800 U-507m, 2/3" 5.1MP C-Mount, USB 3.1 Monochrome Camera (Partial Housing)

See More by [Allied Vision](#)



Allied Vision Alvium Camera, Partial Housing (Front)



Stock **#14-881** [CONTACT US](#)

[Similar Cameras](#)

- 1 + **€840,00**

ADD TO CART

Qty 1+
€840,00

Volume Pricing
Request Quote

ⓘ Prices shown are exclusive of VAT/local taxes

Get Product Downloads

Video Output:
USB 3.1 Gen 1

Type:
Monochrome Camera

Manufacturer: Allied Vision
Mounting Threads: ¼-20 and M6 with Tripod Mount Adapter #14-156
Image Buffer: 256KB
Camera Family: Alvium
Model Number: 1800 U-507m
Imaging Sensor: Sony IMX264
Type of Sensor: Progressive Scan CMOS
Type of Shutter: Global
Camera Sensor Format: 2/3"
Resolution (MegaPixels): 5.10
Pixels (H x V): 2,464 x 2,056
Pixel Size, H x V (µm): 3.45 x 3.45
Sensing Area, H x V (mm): 8.5 x 7.1
Frame Rate (fps): 34.00
Pixel Depth: 8/10/12 bit
Exposure Time: 176µs - 10s
Connector: USB 3.1 Gen 1, Micro-B
Power Supply: Power over USB or via GPIO
Power Consumption (W): 2.0
GPIOs: 4 Programmable TTL GPIOs
Synchronization: Hardware Trigger (GPIO) or Software Trigger
Dimensions (mm): 30 x 29 x 29 (includes connectors and lens mount)
Weight (g): 45
Mount: C-Mount
Housing: Partial
Interface Port Orientation: Back Panel
Dynamic Range (dB): 72
Operating Temperature (°C): -20 to +65 (housing temperature)
Storage Temperature (°C): -20 to +85
GPIO Connector Type: 7-pin JST
Machine Vision Standard: USB3 Vision v1.0, GenICam

Regulatory Compliance

RoHS 2015: Compliant
Certificate of Conformance: View
Reach 235: Compliant