

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

[See all 138 Products in Family](#)

Allied Vision Alvium 1800 U-500c, 1/2.5" 5.0MP S-Mount, USB 3.1 Color Camera

See More by [Allied Vision](#)



Allied Vision Alvium Camera, Full Housing, S-Mount (Front)



Stock **#14-129** 10 TO 12 DAYS

[Similar Cameras](#)

- 1 +

₹28,362.00

ADD TO CART

Qty 1+
₹28,362.00
Volume Pricing
Request Quote

Note: This item requires accessories for use | [Learn More](#)

Get Product Downloads

Video Output:
USB 3.1 Gen 1

Type:
Color Camera

Manufacturer: Allied Vision
Mounting Threads: ¼-20 and M6 with Tripod Mount Adapter #14-156
Image Buffer: 256KB
Camera Family: Avium
Model Number: 1800 U-500c
Imaging Sensor: ON Semi AR0521
Type of Sensor: Progressive Scan CMOS
Type of Shutter: Rolling
Camera Sensor Format: 1/2.5"
Resolution (MegaPixels): 5.00
Pixels (H x V): 2,592 x 1,944
Pixel Size, H x V (µm): 2.2 x 2.2
Sensing Area, H x V (mm): 5.7 x 4.3
Frame Rate (fps): 67.00
Pixel Depth: 8/10 bit
Exposure Time: 13µs - 849ms
Connector: USB 3.1 Gen 1, Micro-B
Power Supply: Power over USB or via GPIO
Power Consumption (W): 2.2
GPIOs: 4 Programmable TTL GPIOs
Synchronization: Hardware Trigger (GPIO) or Software Trigger
Dimensions (mm): 33 x 29 x 29 (includes connectors and lens mount)
Weight (g): 60
Mount: M12 x 0.5 (S-Mount)
Housing: Full
Interface Port Orientation: Back Panel
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