

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

[See all 127 Products in Family](#)

Allied Vision Alvium 1800 U-319m, 1/1.8" 3.2MP C-Mount, Right Angle USB 3.1 Monochrome Camera

See More by [Allied Vision](#)



Allied Vision Alvium Camera, Full Housing, Right Angle IO Port (Front)



Stock **#14-873** 3-5 DAYS

[Similar Cameras](#)

− 1 + **A\$891.20**

ADD TO CART

Qty 1+
A\$891.20

Volume Pricing
Request Quote

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: Avium Right Angle
Model Number: 1800 U-319m
Imaging Sensor: Sony IMX265
Type of Sensor: Progressive Scan CMOS
Type of Shutter: Global
Camera Sensor Format: 1/1.8"
Resolution (MegaPixels): 3.20
Pixels (H x V): 2,064 x 1,544
Pixel Size, H x V (µm): 3.45 x 3.45
Sensing Area, H x V (mm): 7.1 x 5.3
Frame Rate (fps): 53.00
Pixel Depth: 8/10/12 bit
Exposure Time: 175µs - 10s
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): 38 x 32 x 29 (includes connectors and lens mount)
Weight (g): 65
Mount: C-Mount
Housing: Full
Interface Port Orientation: Back Panel (Right Angle)
Dynamic Range (dB): 72
Operating Temperature (°C): +5 to +65
Storage Temperature (°C): -10 to +70
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