

Allied Vision Alvium 1800 U-040m, 1/2.9" 0.4MP S-Mount, Right Angle USB 3.1 Monochrome Camera

See More by [Allied Vision](#)



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



Stock #14-851 In Stock

[Similar Cameras](#)



C\$515.20

ADD TO CART

Qty 1+

C\$515.20

Volume Pricing

[Request Quote](#)

Get Product Downloads

Video Output:
USB 3.1 Gen 1

Type:
Monochrome Camera

Manufacturer:
Allied Vision

Mounting Threads:
1/4-20 and M6 with Tripod Mount Adapter [#14-156](#)

Image Buffer:
256KB

Camera Family:
Avium Right Angle

Model Number:
1800 U-040m

Imaging Sensor:
Sony IMX287

Type of Sensor:
Progressive Scan CMOS

Type of Shutter:
Global

Camera Sensor Format:
1/2.9"

Resolution (MegaPixels):
0.40

Pixels (H x V):
728 x 544

Pixel Size, H x V (µm):
6.9 x 6.9

Sensing Area, H x V (mm):
5.0 x 3.8

Frame Rate (fps):
281.00

Pixel Depth:
8/10/12 bit

Exposure Time:
177µs - 10s

Connector:
USB 3.1 Gen 1, Micro-B

Power Supply:
Power over USB or via GPIO

Power Consumption (W):
1.9

GPIOs:
4 Programmable TTL GPIOs

Synchronization:
Hardware Trigger (GPIO) or Software Trigger

Dimensions (mm):
33 x 32 x 29 (includes connectors and lens mount)

Weight (g):
65

Mount:
M12 x 0.5 (S-Mount)

Housing:
Full

Interface Port Orientation:
Back Panel (Right Angle)

Dynamic Range (dB):
74

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](#)