

Allied Vision Alvium 1800 U-050c, 1/3.6" 0.5MP S-Mount, USB 3.1 Color Camera

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



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1 **£238.00**

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Video Output:
USB 3.1 Gen 1

Type:
Color Camera

Manufacturer:

Allied Vision

Mounting Threads:

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

Image Buffer:

256KB

Camera Family:

Alvium

Model Number:

1800 U-050c

Imaging Sensor:

ON Semi PYTHON 480

Type of Sensor:

Progressive Scan CMOS

Type of Shutter:

Global

Camera Sensor Format:

1/3.6"

Resolution (MegaPixels):

0.50

Pixels (H x V):

808 x 608

Pixel Size, H x V (µm):

4.8 x 4.8

Sensing Area, H x V (mm):

3.9 x 2.9

Frame Rate (fps):

115.00

Pixel Depth:

8/10 bit

Exposure Time:

64µs - 10s

Connector:

USB 3.1 Gen 1, Micro-B

Power Supply:

Power over USB or via GPIO

Power Consumption (W):

1.5

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-Mbunt)

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 240:

[Compliant](#)