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Allied Vision Alvium 1800 U-319c, 1/1.8" 3.2MP C-Mount, USB 3.1 Color Camera



Stock #14-872 NEW

£467.50

Qty 1-4
£467.50

Qty 5
£444.13

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Allied Vision Alvium Camera, Full Housing (Front)

Allied Vision Alvium (Rear)

Software

Specsheets

Start Up Guide

User Manual

2-3 DAYS

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Mounting Threads:	¼-20 and M6 with Tripod Mount Adapter #14-156
Image Buffer:	256KB
Video Output:	USB 3.1 Gen 1
Manufacturer:	Allied Vision
Camera Family:	Alvium
Model Number:	1800 U-319c
Type:	Color Camera
Imaging Device:	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
Power Consumption (W):	2.2
GPIOs:	4 Programmable TTL GPIOs

3/4/2021		Allied Vision Alvium 1800 U-319c, 1/1.8" 3.2MP C-Mount, USB 3.1 Color Camera	
Synchronization:		Hardware Trigger (GPIO) or Software Trigger	
Dimensions (mm):		38 x 29 x 29 (includes connectors and lens mount)	
Weight (g):		60	
Mount:		C-Mount	
Housing:		Full	
Interface Port Orientation:		Back Panel	
Dynamic Range (dB):		Not Specified	
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: [Compliant](#)

