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Allied Vision Alvium 1800 U-508c, 2/3" 5.07MP C-Mount, USB 3.1 Color Camera

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Allied Vision Alvium Camera, Full Housing (Front)



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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: Alvium	
Model Number: 1800 U-508c	
Imaging Sensor: Sony IMX250	
Type of Sensor: Progressive Scan CMOS	
Type of Shutter: Global	
Camera Sensor Format: 2/3"	
Resolution (MegaPixels): 5.07	
Pixels (H x V): 2,464 x 2,056	
Pixel Size, H x V (µm): 3.45 x 3.45	
Sensing Area, H x V (mm): 8.5 x 7.1	
Frame Rate (fps): 85.00	
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): 2.9	
GPIOs: 4 Programmable TTL GPIOs	
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): 72	
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	