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Allied Vision Alvium Right Angle USB 3.1 Cameras See More by [Allied Vision](#)



- Right Angle USB Port Orientation
- Compact, Low Cost, High Performance Design for Machine Vision and Embedded Applications
- ALVIUM® System on Chip (SoC) Technology with Onboard Imaging Preprocessing
- [Allied Vision Alvium USB 3.1 Cameras](#) Also Available

Common Specifications

General

Manufacturer:	Allied Vision	Camera Series:	Alvium Right Angle
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Sensor

Image Buffer:	256KB	Type of Sensor:	Progressive Scan CMOS
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Machine Vision Standard:	USB3 Vision v1.0, GenICam
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Hardware & Interface Connectivity

Connector:	USB 3.1 Gen 1, Micro-B
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Power Supply:	Power over USB or via GPIO	GPIOs:	4 Programmable TTL GPIOs
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Synchronization:	Hardware Trigger (GPIO) or Software Trigger
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Technical Information

Products

Type	Model Number	Sensor Format	Resolution (Megapixels)	Connector	Mount	Stock Number	Price	Buy
Monochrome Camera	1800 U-040m	1/2.9"	0.40	USB 3.1 Gen 1, Micro-B	C-Mount	#23-196	£280.00	1 In Stock
Color Camera	1800 U-040c	1/2.9"	0.40	USB 3.1 Gen 1, Micro-B	C-Mount	#23-197	£288.00	1 In Stock
Monochrome Camera	1800 U-040m	1/2.9"	0.40	USB 3.1 Gen 1, Micro-B	S-Mount (M12 x 0.5)	#14-851	£280.00	Contact Us
Color Camera	1800 U-040c	1/2.9"	0.40	USB 3.1 Gen 1, Micro-B	S-Mount (M12 x 0.5)	#14-852	£288.00	Contact Us
Monochrome Camera	1800 U-050m	1/3.6"	0.50	USB 3.1 Gen 1, Micro-B	C-Mount	#23-198	£216.00	1 In Stock
Color Camera	1800 U-050c	1/3.6"	0.50	USB 3.1 Gen 1, Micro-B	C-Mount	#23-199	£224.00	1 In Stock
Monochrome Camera	1800 U-050m	1/3.6"	0.50	USB 3.1 Gen 1, Micro-B	S-Mount (M12 x 0.5)	#14-859	£216.00	Contact Us
Color Camera	1800 U-050c	1/3.6"	0.50	USB 3.1 Gen 1, Micro-B	S-Mount (M12 x 0.5)	#14-860	£224.00	Contact Us
Monochrome Camera	1800 U-052m	1/1.7"	0.52	USB 3.1 Gen 1, Micro-B	C-Mount	#23-184	£344.00	1 In Stock
Color Camera	1800 U-052c	1/1.7"	0.52	USB 3.1 Gen 1, Micro-B	C-Mount	#23-185	£352.00	1 In Stock
Monochrome Camera	1800 U-052m	1/1.7"	0.52	USB 3.1 Gen 1, Micro-B	CS-Mount	#23-186	£344.00	1 In Stock
Color Camera	1800 U-052c	1/1.7"	0.52	USB 3.1 Gen 1, Micro-B	CS-Mount	#23-187	£352.00	Contact Us
Monochrome Camera	1800 U-120m	1/3"	1.20	USB 3.1 Gen 1, Micro-B	C-Mount	#23-200	£280.00	Contact Us

Color Camera	1800 U-120c	1/3"	1.20	USB 3.1 Gen 1, Micro-B	C-Mount	#23-201	£296.00	1 In Stock
Monochrome Camera	1800 U-120m	1/3"	1.20	USB 3.1 Gen 1, Micro-B	S-Mount (M12 x 0.5)	#14-863	£280.00	1 In Stock
Color Camera	1800 U-120c	1/3"	1.20	USB 3.1 Gen 1, Micro-B	S-Mount (M12 x 0.5)	#14-864	£296.00	Contact Us
Monochrome Camera	1800 U-158m	1/2.9"	1.60	USB 3.1 Gen 1, Micro-B	S-Mount (M12 x 0.5)	#14-867	£288.00	1 In Stock
Color Camera	1800 U-158c	1/2.9"	1.60	USB 3.1 Gen 1, Micro-B	S-Mount (M12 x 0.5)	#14-868	£296.00	Contact Us
Color Camera	Alvium 1800 U-234c	1/1.2"	2.40	USB 3.1 Gen 1, Micro-B	C-Mount	#26-208	£472.00	Contact Us
Color Camera	Alvium 1800 U-234c	1/1.2"	2.40	USB 3.1 Gen 1, Micro-B	CS-Mount	#26-357	£472.00	Contact Us
Monochrome Camera	Alvium 1800 U-234m	1/1.2"	2.40	USB 3.1 Gen 1, Micro-B	C-Mount	#26-207	£464.00	1 In Stock
Monochrome Camera	Alvium 1800 U-234m	1/1.2"	2.40	USB 3.1 Gen 1, Micro-B	CS-Mount	#26-356	£464.00	Contact Us
Color Camera	Alvium 1800 U-235c	1/1.2"	2.40	USB 3.1 Gen 1, Micro-B	C-Mount	#26-210	£696.00	Contact Us
Color Camera	Alvium 1800 U-235c	1/1.2"	2.40	USB 3.1 Gen 1, Micro-B	CS-Mount	#26-359	£696.00	Contact Us
Monochrome Camera	Alvium 1800 U-235m	1/1.2"	2.40	USB 3.1 Gen 1, Micro-B	C-Mount	#26-209	£680.00	Contact Us
Monochrome Camera	Alvium 1800 U-235m	1/1.2"	2.40	USB 3.1 Gen 1, Micro-B	CS-Mount	#26-358	£680.00	Contact Us
Monochrome Camera	1800 U-240m	1/2.3"	2.35	USB 3.1 Gen 1, Micro-B	S-Mount (M12 x 0.5)	#23-202	£304.00	Contact Us

Color Camera	1800 U-240c	1/2.3"	2.35	USB 3.1 Gen 1, Micro-B	S-Mount (M12 x 0.5)	#23-203	£312.00	1 In Stock
Monochrome Camera	1800 U-291m	2/3"	2.91	USB 3.1 Gen 1, Micro-B	C-Mount	#23-190	£608.00	1 In Stock
Color Camera	1800 U-291c	2/3"	2.91	USB 3.1 Gen 1, Micro-B	C-Mount	#23-191	£616.00	Contact Us
Monochrome Camera	1800 U-291m	2/3"	2.91	USB 3.1 Gen 1, Micro-B	CS-Mount	#23-192	£608.00	Contact Us
Color Camera	1800 U-291c	2/3"	2.91	USB 3.1 Gen 1, Micro-B	CS-Mount	#23-193	£616.00	1 In Stock
Monochrome Camera	1800 U-319m	1/1.8"	3.19	USB 3.1 Gen 1, Micro-B	S-Mount (M12 x 0.5)	#23-204	£424.00	Contact Us
Color Camera	1800 U-319c	1/1.8"	3.19	USB 3.1 Gen 1, Micro-B	S-Mount (M12 x 0.5)	#23-205	£432.00	Contact Us
Monochrome Camera	1800 U-319m	1/1.8"	3.20	USB 3.1 Gen 1, Micro-B	C-Mount	#14-873	£424.00	1 In Stock
Color Camera	1800 U-319c	1/1.8"	3.20	USB 3.1 Gen 1, Micro-B	C-Mount	#14-874	£432.00	Contact Us
Monochrome Camera	1800 U-500m	1/2.5"	5.00	USB 3.1 Gen 1, Micro-B	C-Mount	#14-130	£240.00	Contact Us
Color Camera	1800 U-500c	1/2.5"	5.00	USB 3.1 Gen 1, Micro-B	C-Mount	#14-131	£248.00	1 In Stock
Monochrome Camera	1800 U-500m	1/2.5"	5.00	USB 3.1 Gen 1, Micro-B	CS-Mount	#14-136	£240.00	Contact Us
Color Camera	1800 U-500c	1/2.5"	5.00	USB 3.1 Gen 1, Micro-B	CS-Mount	#14-137	£248.00	1 In Stock
Monochrome Camera	1800 U-500m	1/2.5"	5.00	USB 3.1 Gen 1, Micro-B	S-Mount (M12 x 0.5)	#14-132	£248.80	Contact Us
Color Camera	1800 U-500c	1/2.5"	5.00	USB 3.1 Gen 1, Micro-B	S-Mount (M12 x 0.5)	#14-133	£248.00	Contact Us

NIR Camera	1800 U-501m NIR	1/2.5"	5.00	USB 3.1 Gen 1, Micro-B	C-Mount	#19-548	£224.00	1 In Stock
NIR Camera	1800 U-501m NIR	1/2.5"	5.00	USB 3.1 Gen 1, Micro-B	CS-Mount	#19-550	£224.00	1 In Stock
NIR Camera	1800 U-501m NIR	1/2.5"	5.00	USB 3.1 Gen 1, Micro-B	S-Mount (M12 x 0.5)	#19-552	£224.00	1 In Stock
Monochrome Camera	1800 U-507m	2/3"	5.10	USB 3.1 Gen 1, Micro-B	C-Mount	#14-879	£648.00	1 In Stock
Color Camera	1800 U-507c	2/3"	5.10	USB 3.1 Gen 1, Micro-B	C-Mount	#14-880	£656.00	1 In Stock
Color Camera	Alvium 1800 U-508c	2/3"	5.10	USB 3.1 Gen 1, Micro-B	C-Mount	#26-212	£960.00	Contact Us
Color Camera	Alvium 1800 U-508c	2/3"	5.10	USB 3.1 Gen 1, Micro-B	CS-Mount	#26-361	£960.00	Contact Us
Monochrome Camera	Alvium 1800 U-508c	2/3"	5.10	USB 3.1 Gen 1, Micro-B	C-Mount	#26-211	£952.00	Contact Us
Monochrome Camera	Alvium 1800 U-508m	2/3"	5.10	USB 3.1 Gen 1, Micro-B	CS-Mount	#26-360	£952.00	1 In Stock
Color Camera	Alvium 1800 U-510c	1/1.8"	5.10	USB 3.1 Gen 1, Micro-B	C-Mount	#26-215	£472.00	1 In Stock
Color Camera	Alvium 1800 U-510c	1/1.8"	5.10	USB 3.1 Gen 1, Micro-B	CS-Mount	#26-363	£472.00	1 In Stock
Color Camera	Alvium 1800 U-510c	1/1.8"	5.10	USB 3.1 Gen 1, Micro-B	S-Mount (M12 x 0.5)	#26-216	£472.00	Contact Us
Monochrome Camera	Alvium 1800 U-510m	1/1.8"	5.10	USB 3.1 Gen 1, Micro-B	C-Mount	#26-213	£464.00	2 In Stock
Monochrome Camera	Alvium 1800 U-510m	1/1.8"	5.10	USB 3.1 Gen 1, Micro-B	CS-Mount	#26-362	£464.00	1 In Stock
Monochrome Camera	Alvium 1800 U-510m	1/1.8"	5.10	USB 3.1 Gen 1, Micro-B	S-Mount (M12 x 0.5)	#26-214	£464.00	Contact Us

Monochrome Camera	1800 U-511m	1/1.8"	5.10	USB 3.1 Gen 1, Micro-B	C-Mount	#19-560	£544.00	Contact Us
Color Camera	1800 U-511c	1/1.8"	5.10	USB 3.1 Gen 1, Micro-B	C-Mount	#19-572	£552.00	1 In Stock
Monochrome Camera	1800 U-511m	1/1.8"	5.10	USB 3.1 Gen 1, Micro-B	CS-Mount	#19-562	£544.00	Contact Us
Color Camera	1800 U-511c	1/1.8"	5.10	USB 3.1 Gen 1, Micro-B	CS-Mount	#19-574	£552.00	1 In Stock
Monochrome Camera	1800 U-511m	1/1.8"	5.10	USB 3.1 Gen 1, Micro-B	S-Mount (M12 x 0.5)	#19-564	£544.00	Contact Us
Color Camera	1800 U-511c	1/1.8"	5.10	USB 3.1 Gen 1, Micro-B	S-Mount (M12 x 0.5)	#19-576	£552.00	Contact Us
Monochrome Camera	1800 U-811m	2/3"	8.10	USB 3.1 Gen 1, Micro-B	C-Mount	#19-584	£720.00	Contact Us
Color Camera	1800 U-811c	2/3"	8.10	USB 3.1 Gen 1, Micro-B	C-Mount	#19-588	£728.00	1 In Stock
Monochrome Camera	1800 U-1240m	1/1.7"	12.22	USB 3.1 Gen 1, Micro-B	S-Mount (M12 x 0.5)	#23-206	£352.00	Contact Us
Color Camera	1800 U-1240c	1/1.7"	12.22	USB 3.1 Gen 1, Micro-B	S-Mount (M12 x 0.5)	#23-207	£360.00	1 In Stock
Monochrome Camera	1800 U-1236m	1.1"	12.40	USB 3.1 Gen 1, Micro-B	C-Mount	#14-891	£1,572.00	Contact Us
Color Camera	1800 U-1236c	1.1"	12.40	USB 3.1 Gen 1, Micro-B	C-Mount	#14-892	£1,512.00	Contact Us
Monochrome Camera	1800 U-1242m	1/1.1"	12.40	USB 3.1 Gen 1, Micro-B	C-Mount	#19-592	£1,104.00	Contact Us
Color Camera	1800 U-1242c	1/1.1"	12.40	USB 3.1 Gen 1, Micro-B	C-Mount	#19-596	£1,120.00	Contact Us
Monochrome Camera	1800 U-1620m	1.1"	16.20	USB 3.1 Gen 1, Micro-B	C-Mount	#19-600	£1,256.00	Contact Us

Color Camera	1800 U-1620c	1.1"	16.20	USB 3.1 Gen 1, Micro-B	C-Mount	#19-604	£1,264.00	1 In Stock
Monochrome Camera	1800 U-2050m	1"	20.20	USB 3.1 Gen 1, Micro-B	C-Mount	#14-895	£512.00	Contact Us
Color Camera	1800 U-2050c	1"	20.20	USB 3.1 Gen 1, Micro-B	C-Mount	#14-896	£520.00	3 In Stock
Monochrome Camera	1800 U-2040m	1.1"	20.40	USB 3.1 Gen 1, Micro-B	C-Mount	#19-608	£1,600.00	1 In Stock
Color Camera	1800 U-2040c	1.1"	20.40	USB 3.1 Gen 1, Micro-B	C-Mount	#19-612	£1,616.00	1 In Stock
Monochrome Camera	1800 U-2460m	1.2"	24.60	USB 3.1 Gen 1, Micro-B	C-Mount	#19-616	£1,840.00	1 In Stock
Color Camera	1800 U-2460c	1.2"	24.60	USB 3.1 Gen 1, Micro-B	C-Mount	#19-620	£1,856.00	1 In Stock
Monochrome Camera	1800 U-040m	1/2.9"	0.40	USB 3.1 Gen 1, Micro-B	S-Mount (M12 x 0.5)	#14-855	£272.00	Contact Us
Color Camera	1800 U-040c	1/2.9"	0.40	USB 3.1 Gen 1, Micro-B	S-Mount (M12 x 0.5)	#14-856	£283.20	Contact Us
Monochrome Camera	1800 U-500m	1/2.5"	5.00	USB 3.1 Gen 1, Micro-B	C-Mount	#14-144	£232.00	Contact Us
Color Camera	1800 U-500c	1/2.5"	5.00	USB 3.1 Gen 1, Micro-B	C-Mount	#14-145	£240.00	Contact Us
Monochrome Camera	1800 U-500m	1/2.5"	5.00	USB 3.1 Gen 1, Micro-B	CS-Mount	#14-146	£232.00	Contact Us
Color Camera	1800 U-500c	1/2.5"	5.00	USB 3.1 Gen 1, Micro-B	CS-Mount	#14-147	£248.80	Contact Us
Monochrome Camera	1800 U-500m	1/2.5"	5.00	USB 3.1 Gen 1, Micro-B	S-Mount (M12 x 0.5)	#14-148	£232.00	Contact Us
Color Camera	1800 U-500c	1/2.5"	5.00	USB 3.1 Gen 1, Micro-B	S-Mount (M12 x 0.5)	#14-149	£240.00	Contact Us

NIR Camera	1800 U-501m NIR	1/2.5"	5.00	USB 3.1 Gen 1, Micro-B	C-Mount	#19-554	£216.00	Contact Us
NIR Camera	1800 U-501m NIR	1/2.5"	5.00	USB 3.1 Gen 1, Micro-B	CS-Mount	#19-556	£216.00	Contact Us
NIR Camera	1800 U-501m NIR	1/2.5"	5.00	USB 3.1 Gen 1, Micro-B	S-Mount (M12 x 0.5)	#19-558	£216.00	Contact Us
Monochrome Camera	1800 U-507m	2/3"	5.10	USB 3.1 Gen 1, Micro-B	C-Mount	#14-883	£640.00	Contact Us
Color Camera	1800 U-507c	2/3"	5.10	USB 3.1 Gen 1, Micro-B	C-Mount	#14-884	£648.00	Contact Us
Monochrome Camera	1800 U-511m	1/1.8"	5.10	USB 3.1 Gen 1, Micro-B	C-Mount	#19-566	£536.00	Contact Us
Color Camera	1800 U-511c	1/1.8"	5.10	USB 3.1 Gen 1, Micro-B	C-Mount	#19-578	£544.00	Contact Us
Monochrome Camera	1800 U-511m	1/1.8"	5.10	USB 3.1 Gen 1, Micro-B	CS-Mount	#19-568	£536.00	Contact Us
Color Camera	1800 U-511c	1/1.8"	5.10	USB 3.1 Gen 1, Micro-B	CS-Mount	#19-580	£544.00	Contact Us
Monochrome Camera	1800 U-511m	1/1.8"	5.10	USB 3.1 Gen 1, Micro-B	S-Mount (M12 x 0.5)	#19-570	£536.00	Contact Us
Color Camera	1800 U-511c	1/1.8"	5.10	USB 3.1 Gen 1, Micro-B	S-Mount (M12 x 0.5)	#19-582	£544.00	Contact Us
Monochrome Camera	1800 U-811m	2/3"	8.10	USB 3.1 Gen 1, Micro-B	C-Mount	#19-586	£712.00	Contact Us
Color Camera	1800 U-811c	2/3"	8.10	USB 3.1 Gen 1, Micro-B	C-Mount	#19-590	£720.00	Contact Us
Monochrome Camera	1800 U-1242m	1/1.1"	12.40	USB 3.1 Gen 1, Micro-B	C-Mount	#19-594	£1,096.00	Contact Us
Color Camera	1800 U-1242c	1/1.1"	12.40	USB 3.1 Gen 1, Micro-B	C-Mount	#19-598	£1,104.00	Contact Us

Monochrome Camera	1800 U-1620m	1.1"	16.20	USB 3.1 Gen 1, Micro-B	C-Mount	#19-602	£1,248.00	Contact Us
Color Camera	1800 U-1620c	1.1"	16.20	USB 3.1 Gen 1, Micro-B	C-Mount	#19-606	£1,256.00	Contact Us
Monochrome Camera	1800 U-2050m	1"	20.20	USB 3.1 Gen 1, Micro-B	C-Mount	#14-899	£496.00	Contact Us
Color Camera	1800 U-2050c	1"	20.20	USB 3.1 Gen 1, Micro-B	C-Mount	#14-900	£532.00	Contact Us
Monochrome Camera	1800 U-2040m	1.1"	20.40	USB 3.1 Gen 1, Micro-B	C-Mount	#19-610	£1,592.00	1 In Stock
Color Camera	1800 U-2040c	1.1"	20.40	USB 3.1 Gen 1, Micro-B	C-Mount	#19-614	£1,600.00	Contact Us
Monochrome Camera	1800 U-2460m	1.2"	24.60	USB 3.1 Gen 1, Micro-B	C-Mount	#19-618	£1,832.00	Contact Us
Color Camera	1800 U-2460c	1.2"	24.60	USB 3.1 Gen 1, Micro-B	C-Mount	#19-622	£1,840.00	Contact Us
Monochrome Camera	1800 U-052m	1/1.7"	0.52	USB 3.1 Gen 1, Micro-B	No Lens Mount	#23-188	£312.00	Contact Us
Color Camera	1800 U-052c	1/1.7"	0.52	USB 3.1 Gen 1, Micro-B	No Lens Mount	#23-189	£328.00	Contact Us
Monochrome Camera	1800 U-291m	2/3"	2.91	USB 3.1 Gen 1, Micro-B	No Lens Mount	#23-194	£584.00	Contact Us
Color Camera	1800 U-291c	2/3"	2.91	USB 3.1 Gen 1, Micro-B	No Lens Mount	#23-195	£680.00	Contact Us
Monochrome Camera	1800 U-500m	1/2.5"	5.00	USB 3.1 Gen 1, Micro-B	No Lens Mount	#14-152	£216.00	Contact Us
Color Camera	1800 U-500c	1/2.5"	5.00	USB 3.1 Gen 1, Micro-B	No Lens Mount	#14-153	£224.00	Contact Us
Monochrome Camera	1800 U-507m	2/3"	5.10	USB 3.1 Gen 1, Micro-B	No Lens Mount	#14-887	£616.00	Contact Us
Color Camera	1800 U-507c	2/3"	5.10	USB 3.1 Gen 1, Micro-B	No Lens Mount	#14-888	£632.00	Contact Us



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