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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
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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	₹36,100	1 In Stock
Color Camera	1800 U-040c	1/2.9"	0.40	USB 3.1 Gen 1, Micro-B	C-Mount	#23-197	₹37,100	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	₹36,100	3 In Stock
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	₹37,100	2 In Stock
Monochrome Camera	1800 U-050m	1/3.6"	0.50	USB 3.1 Gen 1, Micro-B	C-Mount	#23-198	₹27,900	1 In Stock
Color Camera	1800 U-050c	1/3.6"	0.50	USB 3.1 Gen 1, Micro-B	C-Mount	#23-199	₹28,900	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	₹27,900	1 In Stock
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	₹28,900	1 In Stock
Monochrome Camera	1800 U-052m	1/1.7"	0.52	USB 3.1 Gen 1, Micro-B	C-Mount	#23-184	₹44,300	Contact Us
Color Camera	1800 U-052c	1/1.7"	0.52	USB 3.1 Gen 1, Micro-B	C-Mount	#23-185	₹45,400	2 In Stock
Monochrome Camera	1800 U-052m	1/1.7"	0.52	USB 3.1 Gen 1, Micro-B	CS-Mount	#23-186	₹44,300	1 In Stock
Color Camera	1800 U-052c	1/1.7"	0.52	USB 3.1 Gen 1, Micro-B	CS-Mount	#23-187	₹45,400	1 In Stock
Monochrome Camera	1800 U-120m	1/3"	1.20	USB 3.1 Gen 1, Micro-B	C-Mount	#23-200	₹36,100	1 In Stock

Color Camera	1800 U-120c	1/3"	1.20	USB 3.1 Gen 1, Micro-B	C-Mount	#23-201	₹38,200	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	₹36,100	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	₹38,200	1 In Stock
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	₹37,100	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	₹38,200	3 In Stock
Color Camera	Alvium 1800 U-234c	1/1.2"	2.40	USB 3.1 Gen 1, Micro-B	C-Mount	#26-208	₹67,000	1 In Stock
Color Camera	Alvium 1800 U-234c	1/1.2"	2.40	USB 3.1 Gen 1, Micro-B	CS-Mount	#26-357	₹67,000	1 In Stock
Monochrome Camera	Alvium 1800 U-234m	1/1.2"	2.40	USB 3.1 Gen 1, Micro-B	C-Mount	#26-207	₹66,000	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	₹66,000	1 In Stock
Color Camera	Alvium 1800 U-235c	1/1.2"	2.40	USB 3.1 Gen 1, Micro-B	C-Mount	#26-210	₹89,500	1 In Stock
Color Camera	Alvium 1800 U-235c	1/1.2"	2.40	USB 3.1 Gen 1, Micro-B	CS-Mount	#26-359	₹89,500	1 In Stock
Monochrome Camera	Alvium 1800 U-235m	1/1.2"	2.40	USB 3.1 Gen 1, Micro-B	C-Mount	#26-209	₹87,500	1 In Stock
Monochrome Camera	Alvium 1800 U-235m	1/1.2"	2.40	USB 3.1 Gen 1, Micro-B	CS-Mount	#26-358	₹87,500	1 In Stock
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	₹39,200	1 In Stock

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	₹40,200	2 In Stock
Monochrome Camera	1800 U-291m	2/3"	2.91	USB 3.1 Gen 1, Micro-B	C-Mount	#23-190	₹78,500	1 In Stock
Color Camera	1800 U-291c	2/3"	2.91	USB 3.1 Gen 1, Micro-B	C-Mount	#23-191	₹79,500	1 In Stock
Monochrome Camera	1800 U-291m	2/3"	2.91	USB 3.1 Gen 1, Micro-B	CS-Mount	#23-192	₹78,500	Contact Us
Color Camera	1800 U-291c	2/3"	2.91	USB 3.1 Gen 1, Micro-B	CS-Mount	#23-193	₹79,500	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	₹54,500	1 In Stock
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	₹55,500	Contact Us
Monochrome Camera	1800 U-319m	1/1.8"	3.20	USB 3.1 Gen 1, Micro-B	C-Mount	#14-873	₹54,500	1 In Stock
Color Camera	1800 U-319c	1/1.8"	3.20	USB 3.1 Gen 1, Micro-B	C-Mount	#14-874	₹55,500	Contact Us
Monochrome Camera	1800 U-500m	1/2.5"	5.00	USB 3.1 Gen 1, Micro-B	C-Mount	#14-130	₹30,900	3 In Stock
Color Camera	1800 U-500c	1/2.5"	5.00	USB 3.1 Gen 1, Micro-B	C-Mount	#14-131	₹32,000	2 In Stock
Monochrome Camera	1800 U-500m	1/2.5"	5.00	USB 3.1 Gen 1, Micro-B	CS-Mount	#14-136	₹30,900	Contact Us
Color Camera	1800 U-500c	1/2.5"	5.00	USB 3.1 Gen 1, Micro-B	CS-Mount	#14-137	₹32,000	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	₹30,900	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	₹32,000	Contact Us

NIR Camera	1800 U-501m NIR	1/2.5"	5.00	USB 3.1 Gen 1, Micro-B	C-Mount	#19-548	₹28,900	2 In Stock
NIR Camera	1800 U-501m NIR	1/2.5"	5.00	USB 3.1 Gen 1, Micro-B	CS-Mount	#19-550	₹28,900	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	₹28,900	1 In Stock
Monochrome Camera	1800 U-507m	2/3"	5.10	USB 3.1 Gen 1, Micro-B	C-Mount	#14-879	₹83,500	Contact Us
Color Camera	1800 U-507c	2/3"	5.10	USB 3.1 Gen 1, Micro-B	C-Mount	#14-880	₹84,500	1 In Stock
Color Camera	Alvium 1800 U-508c	2/3"	5.10	USB 3.1 Gen 1, Micro-B	C-Mount	#26-212	₹1,23,500	1 In Stock
Color Camera	Alvium 1800 U-508c	2/3"	5.10	USB 3.1 Gen 1, Micro-B	CS-Mount	#26-361	₹1,23,500	1 In Stock
Monochrome Camera	Alvium 1800 U-508c	2/3"	5.10	USB 3.1 Gen 1, Micro-B	C-Mount	#26-211	₹1,22,500	Contact Us
Monochrome Camera	Alvium 1800 U-508m	2/3"	5.10	USB 3.1 Gen 1, Micro-B	CS-Mount	#26-360	₹1,22,500	Contact Us
Color Camera	Alvium 1800 U-510c	1/1.8"	5.10	USB 3.1 Gen 1, Micro-B	C-Mount	#26-215	₹67,000	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	₹67,000	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	₹67,000	1 In Stock
Monochrome Camera	Alvium 1800 U-510m	1/1.8"	5.10	USB 3.1 Gen 1, Micro-B	C-Mount	#26-213	₹66,000	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	₹66,000	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	₹66,000	1 In Stock

Monochrome Camera	1800 U-511m	1/1.8"	5.10	USB 3.1 Gen 1, Micro-B	C-Mount	#19-560	₹73,000	1 In Stock
Color Camera	1800 U-511c	1/1.8"	5.10	USB 3.1 Gen 1, Micro-B	C-Mount	#19-572	₹74,000	Contact Us
Monochrome Camera	1800 U-511m	1/1.8"	5.10	USB 3.1 Gen 1, Micro-B	CS-Mount	#19-562	₹73,000	1 In Stock
Color Camera	1800 U-511c	1/1.8"	5.10	USB 3.1 Gen 1, Micro-B	CS-Mount	#19-574	₹74,000	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	₹73,000	2 In Stock
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	₹74,000	1 In Stock
Monochrome Camera	1800 U-811m	2/3"	8.10	USB 3.1 Gen 1, Micro-B	C-Mount	#19-584	₹1,01,000	1 In Stock
Color Camera	1800 U-811c	2/3"	8.10	USB 3.1 Gen 1, Micro-B	C-Mount	#19-588	₹1,02,000	Contact Us
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	₹45,400	1 In Stock
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	₹46,400	2 In Stock
Monochrome Camera	1800 U-1236m	1.1"	12.40	USB 3.1 Gen 1, Micro-B	C-Mount	#14-891	₹1,93,500	Contact Us
Color Camera	1800 U-1236c	1.1"	12.40	USB 3.1 Gen 1, Micro-B	C-Mount	#14-892	₹1,94,500	Contact Us
Monochrome Camera	1800 U-1242m	1/1.1"	12.40	USB 3.1 Gen 1, Micro-B	C-Mount	#19-592	₹1,54,500	1 In Stock
Color Camera	1800 U-1242c	1/1.1"	12.40	USB 3.1 Gen 1, Micro-B	C-Mount	#19-596	₹1,55,500	2 In Stock
Monochrome Camera	1800 U-1620m	1.1"	16.20	USB 3.1 Gen 1, Micro-B	C-Mount	#19-600	₹1,68,000	1 In Stock

Color Camera	1800 U-1620c	1.1"	16.20	USB 3.1 Gen 1, Micro-B	C-Mount	#19-604	₹1,69,000	Contact Us
Monochrome Camera	1800 U-2050m	1"	20.20	USB 3.1 Gen 1, Micro-B	C-Mount	#14-895	₹66,000	1 In Stock
Color Camera	1800 U-2050c	1"	20.20	USB 3.1 Gen 1, Micro-B	C-Mount	#14-896	₹67,000	3 In Stock
Monochrome Camera	1800 U-2040m	1.1"	20.40	USB 3.1 Gen 1, Micro-B	C-Mount	#19-608	₹2,12,000	Contact Us
Color Camera	1800 U-2040c	1.1"	20.40	USB 3.1 Gen 1, Micro-B	C-Mount	#19-612	₹2,13,500	1 In Stock
Monochrome Camera	1800 U-2460m	1.2"	24.60	USB 3.1 Gen 1, Micro-B	C-Mount	#19-616	₹2,55,500	1 In Stock
Color Camera	1800 U-2460c	1.2"	24.60	USB 3.1 Gen 1, Micro-B	C-Mount	#19-620	₹2,56,500	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	₹35,100	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	₹36,100	Contact Us
Monochrome Camera	1800 U-500m	1/2.5"	5.00	USB 3.1 Gen 1, Micro-B	C-Mount	#14-144	₹29,900	Contact Us
Color Camera	1800 U-500c	1/2.5"	5.00	USB 3.1 Gen 1, Micro-B	C-Mount	#14-145	₹30,900	1 In Stock
Monochrome Camera	1800 U-500m	1/2.5"	5.00	USB 3.1 Gen 1, Micro-B	CS-Mount	#14-146	₹29,900	Contact Us
Color Camera	1800 U-500c	1/2.5"	5.00	USB 3.1 Gen 1, Micro-B	CS-Mount	#14-147	₹30,900	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	₹29,900	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	₹30,900	Contact Us

NIR Camera	1800 U-501m NIR	1/2.5"	5.00	USB 3.1 Gen 1, Micro-B	C-Mount	#19-554	₹27,900	Contact Us
NIR Camera	1800 U-501m NIR	1/2.5"	5.00	USB 3.1 Gen 1, Micro-B	CS-Mount	#19-556	₹27,900	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	₹27,900	Contact Us
Monochrome Camera	1800 U-507m	2/3"	5.10	USB 3.1 Gen 1, Micro-B	C-Mount	#14-883	₹82,500	Contact Us
Color Camera	1800 U-507c	2/3"	5.10	USB 3.1 Gen 1, Micro-B	C-Mount	#14-884	₹83,500	Contact Us
Monochrome Camera	1800 U-511m	1/1.8"	5.10	USB 3.1 Gen 1, Micro-B	C-Mount	#19-566	₹71,000	Contact Us
Color Camera	1800 U-511c	1/1.8"	5.10	USB 3.1 Gen 1, Micro-B	C-Mount	#19-578	₹73,000	Contact Us
Monochrome Camera	1800 U-511m	1/1.8"	5.10	USB 3.1 Gen 1, Micro-B	CS-Mount	#19-568	₹71,000	Contact Us
Color Camera	1800 U-511c	1/1.8"	5.10	USB 3.1 Gen 1, Micro-B	CS-Mount	#19-580	₹73,000	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	₹71,000	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	₹73,000	1 In Stock
Monochrome Camera	1800 U-811m	2/3"	8.10	USB 3.1 Gen 1, Micro-B	C-Mount	#19-586	₹1,00,000	Contact Us
Color Camera	1800 U-811c	2/3"	8.10	USB 3.1 Gen 1, Micro-B	C-Mount	#19-590	₹1,01,000	Contact Us
Monochrome Camera	1800 U-1242m	1/1.1"	12.40	USB 3.1 Gen 1, Micro-B	C-Mount	#19-594	₹1,53,500	Contact Us
Color Camera	1800 U-1242c	1/1.1"	12.40	USB 3.1 Gen 1, Micro-B	C-Mount	#19-598	₹1,54,500	Contact Us

Monochrome Camera	1800 U-1620m	1.1"	16.20	USB 3.1 Gen 1, Micro-B	C-Mount	#19-602	₹1,66,000	Contact Us
Color Camera	1800 U-1620c	1.1"	16.20	USB 3.1 Gen 1, Micro-B	C-Mount	#19-606	₹1,68,000	Contact Us
Monochrome Camera	1800 U-2050m	1"	20.20	USB 3.1 Gen 1, Micro-B	C-Mount	#14-899	₹64,000	Contact Us
Color Camera	1800 U-2050c	1"	20.20	USB 3.1 Gen 1, Micro-B	C-Mount	#14-900	₹66,000	Contact Us
Monochrome Camera	1800 U-2040m	1.1"	20.40	USB 3.1 Gen 1, Micro-B	C-Mount	#19-610	₹2,11,000	1 In Stock
Color Camera	1800 U-2040c	1.1"	20.40	USB 3.1 Gen 1, Micro-B	C-Mount	#19-614	₹2,12,000	Contact Us
Monochrome Camera	1800 U-2460m	1.2"	24.60	USB 3.1 Gen 1, Micro-B	C-Mount	#19-618	₹2,53,500	Contact Us
Color Camera	1800 U-2460c	1.2"	24.60	USB 3.1 Gen 1, Micro-B	C-Mount	#19-622	₹2,55,500	Contact Us
Monochrome Camera	1800 U-052m	1/1.7"	0.52	USB 3.1 Gen 1, Micro-B	No Lens Mount	#23-188	₹40,200	Contact Us
Color Camera	1800 U-052c	1/1.7"	0.52	USB 3.1 Gen 1, Micro-B	No Lens Mount	#23-189	₹42,300	Contact Us
Monochrome Camera	1800 U-291m	2/3"	2.91	USB 3.1 Gen 1, Micro-B	No Lens Mount	#23-194	₹75,000	Contact Us
Color Camera	1800 U-291c	2/3"	2.91	USB 3.1 Gen 1, Micro-B	No Lens Mount	#23-195	₹76,500	Contact Us
Monochrome Camera	1800 U-500m	1/2.5"	5.00	USB 3.1 Gen 1, Micro-B	No Lens Mount	#14-152	₹27,900	Contact Us
Color Camera	1800 U-500c	1/2.5"	5.00	USB 3.1 Gen 1, Micro-B	No Lens Mount	#14-153	₹28,900	Contact Us
Monochrome Camera	1800 U-507m	2/3"	5.10	USB 3.1 Gen 1, Micro-B	No Lens Mount	#14-887	₹79,500	Contact Us
Color Camera	1800 U-507c	2/3"	5.10	USB 3.1 Gen 1, Micro-B	No Lens Mount	#14-888	₹81,500	Contact Us



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