

USB Camera Module List

No.	Resolution	Model	Interface	Image	Format	Pixel size (um)	Output&Frame rate(Max)	Module type	Module Size(mm)	Focus type	Len size	Connector type	Lens FOV	LED	Mic	Status	Remark
1	VGA	SF-C0319USB-WH01	USB2.0	Color	1/9"	2.5	YUV 640*480 30fps	PCB	50*17.7*4.9	FF	M5	4P pad	D60°	4ea 0805 white	N/A	MP	
2		SF-C0319USB-WH03	USB2.0	Color	1/9"	2.5	YUV 640*480 30fps	PCB	25*14*4.4	FF	M5	5P 1.0pitch	D60°	N/A	N/A	MP	
3		SF-C0319USB-CY01	USB2.0	Color	1/9"	2.5	YUV 640*480 30fps	PCB	25*12.5*4.8	FF	M5	6P 1.0pitch	D60°	6ea 0603 850IR	N/A	ES	
4		SF-C0319USB-HJ-SY01	USB2.0	Color	1/9"	2.5	YUV 640*480 30fps	PCB+FPC	69*20*1.6 48.5*20.5*4	FF	M5	4P pad 5P 1.0pitch	D60°	1ea 3020 white	N/A	MP	
5		SF-C0317USB-BW-FF-H106	USB2.0	B/W	1/7.5"	3	YUV 640*480 30fps MJPEG 640*480 60fps	PCB	30*20*13.4	FF	M7	5P 1.25pitch	H105°	N/A	N/A	ES	
6		SF-C0314USB-2020-D180	USB2.0	Color	1/4"	6	YUV 640*480 30fps MJPEG 640*480 60fps	PCB	20*20*16	FF	M12	4P pad	D180°	N/A	N/A	MP	
7		SF-C0314USB-2020-H72	USB2.0	Color	1/4"	6	YUV 640*480 30fps MJPEG 640*480 60fps	PCB	40*30*22.8	FF	M12	5P 1.0pitch	H72°	2ea 5mm white	N/A	MP	
8	0.4 MP	SF-C0413USB-H100	USB2.0	Color	1/3.5"	5.6	YUV 640*480 30fps MJPEG 640*480 60fps	PCB	40*15*19.5	FF	M12	5P 1.0pitch 5P 1.25pitch	H105°	N/A	N/A	PP	
9		SF-C0413USB-4015-D65	USB2.0	Color	1/3.5"	5.6	YUV 640*480 30fps MJPEG 640*480 60fps	PCB	40*15*5.55	FF	M12	5P 1.0pitch 5P 1.25pitch	D65°	N/A	N/A	PP	
10	1.0 MP	SF-C1014USB-SP02	USB2.0	Color	1/4"	3	YUV 640*480 30fps MJPEG 1280*720 30fps	PCB	22*22*5.2	FF	M6	4P 0.8pitch	D75°	N/A	N/A	PP	Heat sink required
11		SF-A0V9712USB-H110	USB2.0	Color	1/4"	3	YUV 640*480 30fps MJPEG 1280*720 30fps	PCB	22*19.5*13	FF	M12	5P 1.0pitch	H110°	N/A	N/A	MP	
12		SF-C1014USB-2020-MIC	USB2.0	Color	1/4"	3	YUV 640*480 30fps MJPEG 1280*720 30fps	PCB	20*20*5.65	FF	M6	4P 0.8pitch	D67°	N/A	Yes	MP	
13		SF-C1014USB-2020-H.264	USB2.0	Color	1/4"	3	YUV 640*480 30fps MJPEG 1280*720 30fps	PCB	20*20*5.65	FF	M6	4P 0.8pitch	D67°	N/A	Yes	MP	
14		SF-C1014USB-2525-MIC	USB2.0	Color	1/4"	3	YUV 640*480 30fps MJPEG 1280*720 30fps	PCB	25*25*5.85	FF	M6	5P 1.0pitch	D67°	N/A	Yes	MP	
15		SF-C1014USB-6008-720P	USB2.0	Color	1/4"	3	YUV 640*480 30fps MJPEG 1280*720 30fps	PCB	60*8*4.8	FF	M6	5P 1.0pitch	D85°	N/A	Yes	MP	
16		SF-C1014USB-SW01	USB2.0	Color	1/4"	3	YUV 640*480 30fps H.264 1280*720 30fps	PCB+FPC	30*18*1.0 60*12.5*4.8	FF	M6	5P 1.0pitch	D67°	N/A	Yes	ES	
17		SF-C1014USB-ZW01	USB2.0	Color	1/4"	3	YUV 640*480 30fps MJPEG 1280*720 30fps	PCB+FPC	30*18*1.0 38*12.5*4.8	FF	M6	5P 1.0pitch	D65°	N/A	Yes	PP	
18		SF-C1013USB-9515-FF-HDR	USB2.0	Color	1/3"	3	YUV 640*480 30fps MJPEG1280*720 30fps	PCB+FPC	95*15*24.1	FF	M12	5P 1.25pitch	H85°	N/A	N/A	MP	HDR
19		SF1A14	USB2.1	Color	1/4"	3	MJPEG1280*720 30fps YUV 10fps	PCB	30*25	FF	M12	4P 2.0pitch	Optional	N/A	Optional		
20	SF1A293	USB2.1	mono	1/4"	3	MJPEG1280*720 120fps YUV 10fps	PCB	38*38	FF	M12	4P 2.0pitch	Optional	N/A	N/A			
21	1080P	SF-C2015USB-WH02	USB2.0	Color	1/5"	1.75	YUV 640*480 30fps 1600*1200 5fps	PCB	25.3*20*4.8	FF	M5	5P 1.0pitch	D70°	N/A	N/A	PP	
22		SF-C2015USB-EE05-40L	USB2.0	Color	1/5"	1.75	YUV 640*480 30fps 1600*1200 5fps	PCB	40*8*4.4	FF	M5	5P 1.0pitch	D70°	N/A	N/A	PP	
23		SF-C2015USB-GW01	USB2.0	Color	1/5"	1.75	YUV 640*480 30fps 1600*1200 5fps	PCB	60*8*4.6	FF	M5	5P 1.0pitch	D70°	N/A	N/A	PP	

24		SF-C2015USB-GW01-D110	USB2.0	Color	1/5"	1.75	YUV 640*480 30fps 1600*1200 5fps	PCB	60*8*10.6	FF	M5	5P 1.0pitch	D110°	N/A	N/A	PP	
25		SF-C2015USB-6009-1080P-D70	USB2.0	Color	1/5"	2.2	YUV 640*480 30fps MJPEG:1920*1080&1280*720 25fps	PCB	60*8*4.6	FF	M5	5P 1.0pitch	D70°	N/A	N/A	MP	
26		SF-C2014USB-6009-H52	USB2.0	Color	1/4"	2.2	YUV 640*480 30fps MJPEG1600*1200 15fps	PCB	60*8*5.8	FF	M7	5P 1.0pitch	H52°	N/A	N/A	MP	
27		SF-C2014USB-6009-D110	USB2.0	Color	1/4"	2.2	YUV 640*480 30fps MJPEG1600*1200 15fps	PCB	60*8*13.2	FF	M7	5P 1.0pitch	H100°	N/A	N/A	MP	
28		SF-C2013USB-2525-TypeC	USB2.0	Color	1/2.9"	3	YUV 640*480 30fps MJPEG1920*1080 30fps	PCB	25*25*5.62	FF	M6.5	Type C	D70°	N/A	N/A	PP	
29		SF-C2013USB-2525-H72	USB2.0	Color	1/2.7"	3	YUV 640*480 30fps MJPEG1920*1080 30fps	PCB	25*25*23.9	FF	M12	4P 2.0pitch	H72°	N/A	Yes	MP	Software HDR
30	2.OMP	SF-C2013USB-2525-H115	USB2.0	Color	1/2.7"	3	YUV 640*480 30fps MJPEG1920*1080 30fps	PCB	25*25*25.7	FF	M12	4P 2.0pitch	H115°	N/A	Yes	MP	Software HDR
31		SF-C2013USB-9520-FF	USB2.0	Color	1/2.7"	3	YUV 640*480 30fps MJPEG1920*1080 30fps	PCB	95*20*24.3	FF	M12	5P 2.0pitch	H72°	N/A	Yes	MP	Software HDR
32		SF2A103-3.0	USB3.0	Color	1/2.8"	2.9	YUV 640*480 60fps MJPEG1920*1080 60fps YUV 60fps	PCB	38*38	FF	M12	USB3.0 A type Socket	Optiona l	N/A	Yes	MP	Star class Optional Outer Shell
33		SF2A242	USB2.0	Color	1/2.8"	2.9	YUV 640*480 30fps MJPEG1920*1080 30fps YUV 5fps	PCB	38*38	FF	M12	4P 2.0pitch	Optiona l	N/A	Optional	MP	WDR Optional
34		SF2A01	USB2.0	Color	1/2.6"	2.8	YUV 640*480 30fps MJPEG1920*1080 100fps YUV 5fps	PCB	38*38	FF	M12	5P 1.25pitch	Optiona l	Optional LED	Yes	MP	
35		SF2A543	USB2.0	Color	1/2.3"	3	YUV 640*480 30fps MJPEG1920*1080 15fps YUV 5fps	PCB	38*38	FF	M12		Optiona l	N/A	Yes	MP	Global Shutter
36		SF2A694	USB3.0	Color	1/2"	3.75	YUV 640*480 30fps MJPEG1920*1080 30fps YUV 30fps	PCB	38*38	FF	M12	USB3.0 A type Socket	Optiona l	N/A	Optional	MP	Starlight Rank
37		SF2A17	USB2.0	Color	1/2.7"	3	YUV 640*480 120fps MJPEG1920*1080 30fps YUV 6fps	PCB	38*38	FF	M12	4P 2.0pitch	Optiona l	N/A	Yes	MP	
38		SF2A42	USB2.0	Color	1/2.7"	3	YUV MJPEG 640*480 120fps MJPEG1920*1080 30fps H.264 30pfs	PCB	38*38	FF	M12	4P 2.0pitch	Optiona l	N/A	Optional	MP	H264 Starlight Rank
39		SF-C5014USB-YB01	USB2.0	Color	1/4"	1.4	YUV 640*480 30fps MJPEG 1280*720 30fps /1920*1080&2592*1944 15fps	PCB	80*9*5.5	FF	M6	5P 1.25pitch	D65°	N/A	N/A	MP	
40		SF-C5014USB-LR01-D100	USB2.0	Color	1/4"	1.4	YUV 640*480 30fps MJPEG 1280*720 30fps /1920*1080&2592*1944 15fps	PCB	80*9*5.5	FF	M6	5P 1.25pitch	D100°	N/A	N/A	MP	
41		SF-C5014USB-3838-AF-D67	USB2.0	Color	1/4"	1.4	YUV 640*480 30fps MJPEG 1280*720 30fps /1920*1080&2592*1944 15fps	PCB	38*38*6.2	AF/FF	M6	5P 1.25pitch 4P 2.0pitch	D65°	2ea 3528 white LED	N/A	MP	
42		SF-C5014USB-2525-AF-D67	USB2.0	Color	1/4"	1.4	YUV 640*480 30fps MJPEG 1280*720 30fps /1920*1080&2592*1944 15fps	PCB	25*25*5.6	AF/FF	M6	5P 1.0pitch	D67°	2ea 3528 white LED	N/A	MP	
43		SF-C5014USB-2525-FF-D100	USB2.0	Color	1/4"	1.4	YUV 640*480 30fps MJPEG 1280*720 30fps /1920*1080&2592*1944 15fps	PCB	25*25*6.15	FF	M7	5P 1.0pitch	D100°	2ea 3528 white LED	N/A	MP	
44		SF-C5014USB-3025-AF-D67	USB2.0	Color	1/4"	1.4	YUV 640*480 30fps MJPEG 1280*720 30fps /1920*1080&2592*1944 15fps	PCB	30*25*5.6	AF/FF	M6	4P 2.0pitch	D65°	2ea 3528 white LED	N/A	MP	
45		SF-C5014USB-3838-6LED-D100	USB2.0	Color	1/4"	1.4	YUV 640*480 30fps MJPEG 1280*720 30fps /1920*1080&2592*1944 15fps	PCB	38*38*6.85	FF	M7	5P 1.25pitch 4P 2.0pitch	D100°	6ea 3528 white LED	N/A	PP	

46		SF-C5014USB-YC01-IRLED	USB2.0	Color	1/4"	1.4	YUV 640*480 30fps MJPEG 1280*720 30fps /1920*1080&2592*1944 15fps	PCB	35*35*5.6	AF/FF	M6	5P 1.0pitch	D67°	6ea 850IR LED	N/A	MP	
47		SF-C5014USB-3725-IRC	USB2.0	Color	1/4"	1.4	YUV 640*480 30fps MJPEG 1280*720&1920*1080 30fps /2592*1944 15fps	PCB	37*24.5*23.9	FF	M12	4P 1.25pitch	D130°	IR CUT	N/A	ES	
48		SF-C5014USB-LST01	USB2.0	Color	1/4"	1.4	YUV 640*480 30fps MJPEG 1280*720 30fps /1920*1080&2592*1944 15fps	PCB	30*17*24.5	FF	M12	5P 1.0pitch	H25°	N/A	N/A	ES	Heat sink required
49		SF-C5014USB-3518-Board	USB2.0	Color	1/4"	1.4	YUV 640*480 30fps MJPEG 1280*720 30fps /1920*1080&2592*1944 15fps	PCB+ FPC	35*18*1.0 138.5*12.5* 1	AF/FF	M6	5P 1.0pitch	D65°	N/A	N/A	MP	
50	5.0 MP	SF-C5014USB-7113-MIC-AF	USB2.0	Color	1/4"	1.4	YUV 640*480 30fps MJPEG 1280*720&1920*1080 30fps /2592*1944 15fps	PCB	71*13*5.6	AF/FF	M6	Mini USB	D67°	N/A	Yes	MP	
51		SF-C5014USB-3232-1080P30 FF-H45	USB2.0	Color	1/4"	1.4	YUV 640*480 30fps MJPEG 1280*720&1920*1080 30fps /2592*1944 15fps	PCB	32*32*6.9	AF/FF	M6	5P 1.25pitch 4P 2.0pitch	H45°	N/A	Yes	MP	
52		SF-C5014USB-3232-1080P30 AF-D67	USB2.0	Color	1/4"	1.4	YUV 640*480 30fps MJPEG 1280*720&1920*1080 30fps /2592*1944 15fps	PCB	32*32*6.2	AF/FF	M6	5P 1.25pitch 4P 2.0pitch	D67°	N/A	Yes	MP	
53		SF-C5014USB-2622-D10	USB2.0	Color	1/4"	1.4	YUV 640*480 30fps MJPEG 1280*720 30fps /1920*1080&2592*1944 15fps	PCB	26*22*24.2	FF	M12	5P 1.0pitch	H10°	N/A	N/A	PP	Heat sink required
54		SF-C5014USB-4030-AF	USB2.0	Color	1/4"	1.4	YUV 640*480 30fps MJPEG 1280*720 30fps /1920*1080&2592*1944 15fps	PCB	40*30*5.5	AF/FF	M6	5P 1.0pitch	D65°	2ea 3528 white LED	N/A	MP	
55		SF-C5014USB-4030-H72	USB2.0	Color	1/4"	1.4	YUV 640*480 30fps MJPEG 1280*720 30fps /1920*1080&2592*1944 15fps	PCB	40*30*22.8	FF	M12	5P 1.0pitch	H72°	2ea 5mm white LED	N/A	MP	
56		SF-C5014USB-4620-AF	USB2.0	Color	1/4"	1.4	YUV 640*480 30fps MJPEG 1280*720 30fps /1920*1080&2592*1944 15fps	PCB	46*20*5.6	AF/FF	M6	5P 1.0pitch	D65°	N/A	N/A	MP	
57		SF5A00N	USB2.0	Color	1/2.5"	2.2	YUV 640*480 30fps MJPEG 1280*720 30fps MJPEG 1920*1080 30fps YUV 5fps MJPEG 2592*1944 15fps YUV 3fps	PCB	38*38	FF	M12	4P 2.0pitch	Optiona l	Optional LED	N/A	MP	Optional Outer Shell
58		SF5A136	USB2.0	Color	1/2.5"	2.2	YUV 640*480 30fps MJPEG 1280*720 30fps MJPEG 1920*1080 30fps YUV 3fps MJPEG 2592*1944 15fps YUV 2fps	PCB	38*38	FF	M12	4P 2.0pitch	Optiona l	Optional LED	N/A	MP	WDR Optional Outer Shell
59		SF5A2361	USB2.0	Color	1/2.5"	2.2	YUV 640*480 30fps MJPEG 1280*720 30fps MJPEG 1920*1080 30fps YUV 5fps MJPEG 2592*1944 30fps YUV 2.5fps	PCB	38*38	FF	M12	4P 2.0pitch	Optiona l	Optional LED	N/A	MP	
60		SF-C8013USB-KLD01-AF	USB2.0	Color	1/3.2"	1.4	YUV 640*480 30fps MJPEG 1280*720 30fps /1920*1080 15fps /3224*2448 15fps	PCB	61.1*10*6.2	AF/FF	M6.5	5P 1.0pitch	D72°	N/A	Yes	MP	distortionle ss

61	8 MP	SF-C8013USB-9520-FF-H72	USB2.0	Color	1/3.2"	1.4	YUV 640*480 30fps MJPEG 1280*720 30fps /1920*1080 15fps /3224*2448 15fps	PCB	95*20*21.45	AF/FF	M6.5	5P 2.0pitch	H72°	N/A	Yes	MP	distortionless
62		SF-C8013USB-9520-FF-D230	USB2.0	Color	1/3.2"	1.4	YUV 640*480 30fps MJPEG 1280*720 30fps /1920*1080 15fps /3224*2448 15fps	PCB	95*20*16.75	AF/FF	M6.5	5P 2.0pitch	D230°	N/A	Yes	MP	
63		SF8A17-3.0AF	USB3.0	Color	1/3.2"	1.4	YUV 640*480 30fps MJPEG 1280*720 30fps /1920*1080 30fps /3224*2448 15fps	PCB	38*38*6.5	AF	M6.5	USB3.0 A Socket	Optional 1	N/A	N/A	MP	
64		SF8A583-2.0	USB2.0	Color	1/2.5"	1.62	YUV 640*480 30fps MJPEG 1280*720 30fps YUV 10fps MJPEG 3840X2160 30fps YUV 1fps	PCB	38*38	FF	M12	4pin-2.0mm	Optional 1	N/A	N/A	MP	4K
65		SF-8M1824U3 V11	USB3.0	Color	1/3.2"	1.4	MJPEG 1920*1080 30fps YUV 15fps MJPEG 3264*2448 20fps YUV 1fps	PCB	38*38*6.75mm	AF	M6.5	USB3.0 USB口	77.2	N/A	N/A	MP	
66	10 MP	SF10A411-3.0	USB3.0	mono	1/3.2"	1.67	YUV 3264*1600 10fps YUV 3264*2448 10fps YUV 3648*2736 7.5fps	PCB	38*38	FF	M6.5	USB3.0 A Socket	Optional 1	N/A	Yes	MP	
67	12MP	SF12A884	USB2.0	Color	1/2.3"	1.55	YUV 640*480 30fps MJPEG 1280*720 30fps YUV 10fps MJPEG 3840X2160 30fps YUV 1.5fps	PCB	38*38	FF	M12	4pin-2.0mm	Optional 1	N/A	N/A	MP	
68	2 MP Dual camera	SF4A418-D	USB2.0	Color	1/2.8"	2.9	YUV 640*480 30fps MJPEG 1280*720 30fps MJPEG 1920*1080 30fps YUV 5fps MJPEG 3840*1080 30fps YUV 2.5fps	PCB	Baseline range: 38~167mm	FF	M12	USB2.0 Type-C	N/A	N/A	N/A	MP	
69		SF2A418-D	USB3.0	Color	1/2.8"	2.9	YUV 640*480 60fps MJPEG 1920*1080 60fps YUV 30fps MJPEG 2560*960 60fps YUV 50fps	PCB	35~45mm Module size: 200*25mm	FF	M12	USB2.0 Type-C	Optional 1	N/A	N/A	MP	

70 New products are being updated continuously.

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***The lens angle of all products is not fixed and it can be matched with different lenses according to customer requirements.

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