



苏州莱能士光电科技股份有限公司
Suzhou LightIns Optical Technology Co.,Ltd

Machine vision

No	Model No	Key Specs	Sens er Form at	Foc al Len gth	Iris	Reso lutio n	Viewing Angle	CRA	Flange Back Focal(mm)	RI	M.M.D	TTL (mm)	Distortion (%)	Mou nt	Size	Working Temperature
1	23FA0614C	f6mm 2/3" F1.4	2/3"	6	1.4	5MP	86° × 79° × 49° (16:9) 86° × 74° × 58.6° (4:3)	0.39°	8.57	45.88%	0.1m	64.68±0.3	<4.32%	C	φ 45 × 46.95	-20℃--+60℃
2	23FA0614C	f6mm 2/3" F1.4	2/3"	6	1.4	5MP	86° × 79° × 49° (16:9) 86° × 74° × 58.6° (4:3)	0.39°	8.57	45.88%	0.1m	64.68±0.3	<4.32%	C	φ 45 × 46.95	-20℃--+60℃
3	23FA1616C	f16mm 2/3" F1.6	2/3"	16	1.6	5MP	38° × 33° × 18.5° (16:9) 38° × 30° × 23° (4:3)	9.48°	13.73	50.12%	0.1m	59.53±0.3	<0.62%	C	φ 40 × 42	-20℃--+60℃
4	23FA2516C	f25mm 2/3" F1.6	2/3"	25	1.6	5MP	24.6° × 21.5° × 12.2° (16:9) 24.6° × 19.6° × 14.8° (4:3)	8.33°	8.4	78.24%	0.2m	59.53±0.3	<0.54%	C	φ 40 × 42	-20℃--+60℃
5	23FA1220C	f12mm 2/3" F2.0	2/3"	12	2	8MP	48° × 42.7° × 24.5° (16:9) 48° × 39.4° × 30° (4:3)	13.6°	13.43	65.78%	0.1m	65.4±0.3	<0.45%	C	φ 36 × 47.87	-20℃--+60℃
6	23FA1224C	f12mm 2/3" F2.4	2/3"	12	2.4	8MP	48.5° × 42.7° × 24.5° (16:9) 48.5° × 39.4° × 30° (4:3)	11.7°	13.73	72.24%	0.1m	61.68±0.3	<0.35%	C	φ 29 × 44.15	-20℃--+60℃
7	23FA0820C	f8mm 2/3" F2.0	2/3"	8	2	8MP	67° × 60.3° × 36° (16:9) 67° × 56° × 43.5° (4:3)	14°	8.35-10.61	60.12%	0.1m	65.53±0.3	<0.76%	C	φ 50 × 48	-20℃--+60℃
8	23FA0824C	f8mm 2/3" F2.4	2/3"	8	2.4	8MP	67° × 59.5° × 35.7° (16:9) 67° × 55.5° × 43° (4:3)	14.5°	9.55-11.08	74.73%	0.1m	59.98±0.3	<0.60%	C	φ 39 × 42.45	-20℃--+60℃
9	23FA3524C	f35mm 2/3" F2.4	2/3"	35	2.4	8MP	16.6° × 15.5° × 8.2° (16:9) 16.6° × 13.4° × 10° (4:3)	7.5°	9.6-13.73	77.56%	0.15m	60.06±0.3	<0.12%	C	φ 29 × 42.53	-20℃--+60℃
10	23FA1624C	f16mm 2/3" F2.4	2/3"	16	2.4	8MP	36.04° × 29.19° × 22.11° (4:3) 36.04° × 31.72° × 18.15° (16:9)	12.7°	10.07-13.56	84.13%	0.1m	55.25±0.3	<0.08%	C	φ 29 × 37.72	-20℃--+60℃



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FA LENS

No	Model No	Key Parameter	Sensor Format	Focal Length (mm)	Iris	Resolution	View of Angle	CRA	Flange Back Focal Length(mm)	RI	MOD	TTL (mm)	Distortion(%)	Mount	Size	Working Temperature
1	23FA0614C	f6mm 2/3" F1.4	2/3"	6	1.4	5MP	86° × 79° × 49° (16:9) 86° × 74° × 58.6° (4:3)	0.39°	8.57	45.88%	0.1m	64.68±0.3	<4.32%	C	φ 45 × 46.95	-20℃~+60℃
2	23FA0614C	f6mm 2/3" F1.4	2/3"	6	1.4	5MP	86° × 79° × 49° (16:9) 86° × 74° × 58.6° (4:3)	0.39°	8.57	45.88%	0.1m	64.68±0.3	<4.32%	C	φ 45 × 46.95	-20℃~+60℃
3	23FA1616C	f16mm 2/3" F1.6	2/3"	16	1.6	5MP	38° × 33° × 18.5° (16:9) 38° × 30° × 23° (4:3)	9.48°	13.73	50.12%	0.1m	59.53±0.3	<0.62%	C	φ 40 × 42	-20℃~+60℃
4	23FA2516C	f25mm 2/3" F1.6	2/3"	25	1.6	5MP	24.6° × 21.5° × 12.2° (16:9) 24.6° × 19.6° × 14.8° (4:3)	8.33°	8.4	78.24%	0.2m	59.53±0.3	<0.54%	C	φ 40 × 42	-20℃~+60℃
5	23FA1220C	f12mm 2/3" F2.0	2/3"	12	2	8MP	48° × 42.7° × 24.5° (16:9) 48° × 39.4° × 30° (4:3)	13.6°	13.43	65.78%	0.1m	65.4±0.3	<0.45%	C	φ 36 × 47.87	-20℃~+60℃
6	23FA1224C	f12mm 2/3" F2.4	2/3"	12	2.4	8MP	48.5° × 42.7° × 24.5° (16:9) 48.5° × 39.4° × 30° (4:3)	11.7°	13.73	72.24%	0.1m	61.68±0.3	<0.35%	C	φ 29 × 44.15	-20℃~+60℃
7	23FA0820C	f8mm 2/3" F2.0	2/3"	8	2	8MP	67° × 60.3° × 36° (16:9) 67° × 56° × 43.5° (4:3)	14°	8.35-10.61	60.12%	0.1m	65.53±0.3	<0.76%	C	φ 50 × 48	-20℃~+60℃
8	23FA0824C	f8mm 2/3" F2.4	2/3"	8	2.4	8MP	67° × 59.5° × 35.7° (16:9) 67° × 55.5° × 43° (4:3)	14.5°	9.55-11.08	74.73%	0.1m	59.98±0.3	<0.60%	C	φ 39 × 42.45	-20℃~+60℃
9	23FA3524C	f35mm 2/3" F2.4	2/3"	35	2.4	8MP	16.6° × 15.5° × 8.2° (16:9) 16.6° × 13.4° × 10° (4:3)	7.5°	9.6-13.73	77.56%	0.15m	60.06±0.3	<0.12%	C	φ 29 × 42.53	-20℃~+60℃
10	23FA1624C	f16mm 2/3" F2.4	2/3"	16	2.4	8MP	36.04° × 29.19° × 22.11° (4:3) 36.04° × 31.72° × 18.15° (16:9)	12.7°	10.07-13.56	84.13%	0.1m	55.25±0.3	<0.08%	C	φ 29 × 37.72	-20℃~+60℃



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ITS

No	Model No	Key Specs	Senser Format	Focal Length	RI	Iris	Resoluti on	Viewing Angle	CRA	Flange Back Focal Length	M.O.D	TTL (± 0.30mm)	Distortion (%)	Mount	Size	Working Temperature
1	23HR3514C	f35mm 2/3" F1.4	2/3"	35		1.4	5MP	18° × 15.5° × 8.8° (16:9) 18° × 14.4° × 11° (4:3)	/	12.91mm	0.5m	56.75mm	<1.0%	C	φ 36 × 39.22	-20°C~+80°C
2	34HR3514C	f35mm 3/4" F1.4	3/4"	35		1.4	5MP	18° × 15.5° × 8.8° (16:9) 18° × 14.4° × 11° (4:3)	/	12.91mm	0.5m	55mm	<1.0%	C	φ 36 × 39.22	-20°C~+80°C
4	34HR1214C-R1	f12mm 3/4" F1.4	3/4"	12		1.4	5MP	51° × 45° × 26° (16:9) 51° × 41.5° × 31.5° (4:3)	5.74°	12.92mm	0.2m	59.28mm	<-1.0%	C	φ 35 × 41.75	-20°C~+80°C
5	34HR1214C	f12mm 3/4" F1.4	3/4"	12	54.46%	1.4	5MP	51° × 45° × 26° (16:9) 51° × 41.5° × 31.5° (4:3)	5.74°	12.92mm	0.2m	59.28mm	<-1.05%	C	φ 36 × 41.75	-20°C~+80°C
6	23HR1214C	f12mm 2/3" F1.4	2/3"	12	73.56%	1.4	5MP	47° × 41.5° × 24° (16:9) 47° × 38° × 29° (4:3)	6.37°	12.92mm	0.2m	59.28mm	<-1.05%	C	φ 36 × 41.75	-20°C~+80°C
9	11HR1614C	f16mm 1" F1.4	1"	16	55.97%	1.4	5MP	53° × 46.5° × 27° (16:9) 53° × 42° × 32° (4:3)	9.62°	12.73mm	0.2m	73.18mm	<-1.50%	C	φ 41.5 × 55.65	-20°C~+80°C
10	34HR1614C	f16mm 3/4" F1.4	3/4"	16	65.41%	1.4	5MP	3/4" 48° × 36° × 27°	/	12.73mm	0.2m	72.07mm	<-1.42%	C	φ 41.5 × 55.65	-20°C~+80°C
11	23HR1614C	f16mm 2/3" F1.4	2/3"	16	80.22%	1.4	5MP	38° × 32.5° × 18.5° (16:9) 38° × 30° × 22° (4:3)	9.62°	12.73mm	0.2m	73.18mm	<-1.05%	C	φ 41.5 × 55.65	-20°C~+80°C
12	11HR1620C	f16mm 1" F2.0	1"	16	61.10%	2	5MP	53° × 46.5° × 27° (16:9) 53° × 42° × 32° (4:3)	9.62°	12.73mm	0.2m	73.18mm	<-1.50%	C	φ 41.5 × 55.65	-20°C~+80°C
13	11HR16095C	f16mm 1" F0.95	1"	16		0.95	5MP	1" 53° × 42° × 32°	/	21.57mm	0.2m	72.07mm	<1.0%	C	φ 41.5 × 55.65	-20°C~+80°C

16	11HR1620C-R1	f16mm 1" F2.0	1"	16	61.10%	2	5MP	$53^{\circ} \times 46.5^{\circ} \times 27^{\circ}$ (16:9) $53^{\circ} \times 42^{\circ} \times 32^{\circ}$ (4:3)	9.62°	11.43mm	0.2m	73.18mm	<-1.50%	定制	$\phi 41.5 \times 57.15$	-20°C~+80°C
17	11HR3520C	f35mm 1" F2.0	1"	35	64.75%	2	5MP	$25.7^{\circ} \times 22.2^{\circ} \times 12.6^{\circ}$ (16:9) $25.7^{\circ} \times 20^{\circ} \times 15.4^{\circ}$ (4:3)	9.99°	12.93mm	0.5m	57.53mm	<-0.68%	C	$\phi 37 \times 40$	-20°C~+80°C
18	43HR3520C	f35mm 4/3" F2.0	4/3"	35	45.09%	2	5MP	$34.8^{\circ} \times 30.5^{\circ} \times 17.5^{\circ}$ (16:9) $34.8^{\circ} \times 27.8^{\circ} \times 20.9^{\circ}$ (4:3)	12.84°	12.93mm	0.5m	57.53mm	<-1.49%	C	$\phi 37 \times 40$	-20°C~+80°C
19	11HR2220C	f22mm 1" F2.0	1"	22	67.77%	2	5MP	$40^{\circ} \times 35.7^{\circ} \times 20.5^{\circ}$ (16:9) $40^{\circ} \times 32^{\circ} \times 24^{\circ}$ (4:3)	10.32°	13.73mm	0.4m	96.01mm	<-1.60%	C	$\phi 40 \times 78.48$	-20°C~+80°C
20	43HR2220C	f22mm 4/3" F2.0	4/3"	22	45.92%	2	8MP	$55.5^{\circ} \times 48^{\circ} \times 28^{\circ}$ (16:9) $55.5^{\circ} \times 45.5^{\circ} \times 34.5^{\circ}$ (4:3)	13.47°	13.53mm	0.4m	96.03mm	<-2.44%	C	$\phi 45.5 \times 78.5$	-20°C~+80°C
21	11HR2514C	f25mm 1" F1.4	1"	25	47.55%	1.4	5MP	$35^{\circ} \times 30.8^{\circ} \times 17.5^{\circ}$ (16:9) $35^{\circ} \times 28^{\circ} \times 21^{\circ}$ (4:3)	16.75°	11.16mm	0.4m	55.95mm	<-2.08%	C	$\phi 39 \times 38.42$	-20°C~+80°C
22	34HR2514C	f25mm 3/4" F1.4	3/4"	25	66.08%	1.4	5MP	$26.6^{\circ} \times 23.3^{\circ} \times 13^{\circ}$ (16:9) $26.6^{\circ} \times 21^{\circ} \times 16^{\circ}$ (4:3)	12.46°	11.16mm	0.4m	55.95mm	<-1.26%	C	$\phi 39 \times 38.42$	-20°C~+80°C
23	23HR2514C	f25mm 2/3" F1.4	2/3"	25	67.96%	1.4	5MP	$24.8^{\circ} \times 21^{\circ} \times 12^{\circ}$ (16:9) $24.8^{\circ} \times 19.8^{\circ} \times 14.7^{\circ}$ (4:3)	11.38°	11.16mm	0.4m	55.95mm	<-1.10%	C	$\phi 39 \times 38.42$	-20°C~+80°C
26	11HR5020C	f50mm 1" F2.0	1"	50	58.32%	2.0	5MP	$20.9^{\circ} \times 18^{\circ} \times 10.2^{\circ}$ (16:9) $20.9^{\circ} \times 16.6^{\circ} \times 12.5^{\circ}$ (4:3)	7.37°	13.05mm	0.5m	77.53mm	<-2.34%	C	$\phi 45 \times 60$	-20°C~+80°C
27	34HR5014C	f50mm 3/4" F1.4	3/4"	50	68.84%	1.4	5MP	$3/4^{\circ} 15^{\circ} \times 12^{\circ} \times 9^{\circ}$	/	14.25mm	0.5m	72.96mm	<-1.18%	C	$\phi 45 \times 60$	-20°C~+80°C
28	23HR5014C	f50mm 2/3" F1.4	2/3"	50	75.16%	1.4	5MP	$14.2^{\circ} \times 12.5^{\circ} \times 7.0^{\circ}$ (16:9) $14.2^{\circ} \times 11.5^{\circ} \times 8.5^{\circ}$ (4:3)	/	13.05mm	0.5m	77.53mm	<-1.05%	C	$\phi 45 \times 60$	-20°C~+80°C
30	11HR0814C	f8mm 1" F1.4	1"	8	56.37%	1.4	5MP	$88^{\circ} \times 80^{\circ} \times 50^{\circ}$ (16:9) $88^{\circ} \times 75^{\circ} \times 59.5^{\circ}$ (4:3)	7.42°	7.46mm	0.2m	81.29mm	<-4.44%	C	$\phi 57.5 \times 63.76$	-20°C~+80°C
31	11HR0814C-R1	f8mm 1" F1.4	1"	8	56.37%	1.4	5MP	$1^{\circ} 88^{\circ} \times 70.5^{\circ} \times 53^{\circ}$	7.42°	7.79mm	0.2m	81.29mm	<-4.44%	C	$\phi 64.4 \times 63.96$	-20°C~+80°C

32	11HR0814C-R2	f8mm 1" F1.4	1"	8	56.37%	1.4	10MP	$88^{\circ} \times 80^{\circ} \times 50^{\circ}$ (16:9) $88^{\circ} \times 75^{\circ} \times 59.5^{\circ}$ (4:3)	7.42°	7.46mm	0.2m	81.29mm	<-4.44%	C	$\phi 57.5 \times 63.76$	-20°C~+80°C
33	23HR0814C	f8mm 2/3" F1.4	2/3"	8	77.60%	1.4	5MP	$67^{\circ} \times 59.5^{\circ} \times 35^{\circ}$ (16:9) $67^{\circ} \times 55^{\circ} \times 42.8^{\circ}$ (4:3)	6.99°	7.46mm	0.2m	84.41mm	<-3.99%	C	$\phi 45.2 \times 66.88$	-20°C~+80°C
34	11HR1214C	f12mm 1" F1.4	1"	12	59.68%	1.4	5MP	$66^{\circ} \times 59.4^{\circ} \times 35.5^{\circ}$ (16:9) $66^{\circ} \times 53^{\circ} \times 42.5^{\circ}$ (4:3)	14.02°	10.89mm	0.3m	82.43mm	<-2.14%	C	$\phi 50 \times 64.9$	-20°C~+80°C
35	11HR2012C	f20mm 1" F1.2	1"	20	54.70%	1.2	8MP	$43.5^{\circ} \times 38.5^{\circ} \times 22^{\circ}$ (16:9) $43.5^{\circ} \times 35^{\circ} \times 27^{\circ}$ (4:3)	9.38°	13.36mm	0.3m	101.46mm	<-1.61%	C	$\phi 46.2 \times 83.9$	-20°C~+80°C
38	43HR1613C	f16mm 4/3" F1.3	4/3"	16	46.13%	1.3	10MP	$70^{\circ} \times 53^{\circ} \times 37^{\circ}$ (16:9) $70^{\circ} \times 58^{\circ} \times 45^{\circ}$ (4:3)	12.78°	13.73mm	0.2m	115.42mm	<-4.07%	C	$\phi 66 \times 97.89$	-20°C~+80°C
39	11HR1613C	f16mm 1" F1.3	1"	16	69.05%	1.3	10MP	$54^{\circ} \times 42^{\circ} \times 34^{\circ}$	/	16.52mm	0.2m	115mm	<-3.01%	C	/	-20°C~+80°C
40	43HR2513C	f25mm 4/3" F1.3	4/3"	25	45.12%	1.3	10MP	$48^{\circ} \times 41.7^{\circ} \times 24^{\circ}$ (16:9) $48^{\circ} \times 38.4^{\circ} \times 29.2^{\circ}$ (4:3)	13.91°	12.26mm	0.3m	120.77mm	<-4.24%	C	$\phi 62 \times 103.24$	-20°C~+80°C
42	11HR2512C	f25mm 1" F1.2	1"	25	46.92%	1.2	10MP	$35.6^{\circ} \times 31^{\circ} \times 17.5^{\circ}$ (16:9) $35.6^{\circ} \times 28.5^{\circ} \times 21.2^{\circ}$ (4:3)	6.01°	13.17mm	0.3m	96.39mm	<-4.47%	C	$\phi 52 \times 78.86$	-20°C~+80°C
43	11HR1613C-R1	f16mm 1" F1.3	1"	16	55.94%	1.3	12MP	$54^{\circ} \times 47.5^{\circ} \times 27.1^{\circ}$ (16:9) $54^{\circ} \times 44^{\circ} \times 33^{\circ}$ (4:3)	13.96°	12.29mm	0.3m	106.53mm	<-3.06%	C	$\phi 50 \times 89$	-20°C~+80°C
44	11HR3512C	f35mm 1" F1.2	1"	35	44.65%	1.2	10MP	$26^{\circ} \times 22.6^{\circ} \times 12.7^{\circ}$ (16:9) $26^{\circ} \times 20.8^{\circ} \times 15.6^{\circ}$ (4:3)	8.73°	13.73mm	0.3m	100.63mm	<-2.72%	C	$\phi 60 \times 83.1$	-20°C~+80°C
45	11HR5013C	f50mm 1" F1.3	1"	50	62.72%	1.3	12MP	$18.6^{\circ} \times 16.1^{\circ} \times 9^{\circ}$ (16:9) $18.6^{\circ} \times 14.9^{\circ} \times 11.2^{\circ}$ (4:3)	14.28°	13.73mm	0.3m	84mm	<0.31%	C	$\phi 57 \times 66.58$	-20°C~+80°C
46	11HR5013C	f50mm 1" F1.3	1"	50	62.72%	1.3	12MP	$18.6^{\circ} \times 16.1^{\circ} \times 9^{\circ}$ (16:9) $18.6^{\circ} \times 14.9^{\circ} \times 11.2^{\circ}$ (4:3)	14.28°	13.73mm	0.3m	84mm	<0.31%	C	$\phi 57 \times 66.58$	-20°C~+80°C
46	11HR3514C	f35mm 1" F1.4	1"	35	63.90%	1.4	12MP	$25.4^{\circ} \times 22.2^{\circ} \times 12.5^{\circ}$ (16:9) $25.4^{\circ} \times 20.4^{\circ} \times 15.3^{\circ}$ (4:3)	16.43°		0.3m	55.4mm	<-0.76%	C	$\phi 38 \times 37.3$	-20°C~+80°C



Fisheye

No	Model No	Key Specs	Sensor Format	Focal Length	Iris	Resolution	Viewing Angle	CRA	Flange Back Focal	TTL	Distortion (%)	Mount	Size	Working Temperature
1	132FH11925B	f1.19mm 1/3.2" F2.5	1/3.2"(ϕ 3.6)	1.19	2.5	8MP	185° × 185° × 185°	0.79°	4.03mm	27.8±0.3mm	-113%	M12	ϕ 28 × 23.8	-20℃--+100℃
2	12FH15525B-R2	f1.55mm 1/2" F2.5	1/2"	1.55	2.5	8MP	185° × 185° × 185°	8.78°	3.42mm	27.6±0.3mm	-106%	M12	ϕ 28 × 24.18	-20℃--+100℃
3	132FH14225B	f1.42mm 1/3.2" F2.5	1/3.2"(ϕ 3.2)	1.42	2.5	5MP	185° × 185° × 185°	11.55°	3.9mm	27±0.3mm	-104%	M12	ϕ 20 × 23.1	-20℃--+100℃
4	132FH10520B	f1.05mm 1/3.2" F2.0	1/3.2"(ϕ 3.2)	1.05	2	5MP	185° × 185° × 185°	12.7°	3.52mm	20.16±0.3mm	-106%	M12	ϕ 15 × 16.6	-20℃--+100℃
5	32FH10520B-R	f1.05mm 1/3.2" F2.0	1/3.2"(ϕ 3.2)	1.05	2	5MP	185° × 185° × 185°	12.7°	3.87mm	20.16mm	-106%	M12	ϕ 15 × 17.1	-20℃--+100℃
6	117FH2122B-R1	f2.1mm 1/1.7" F2.2	1/1.7"(ϕ 5.6)	2.1	2.2	8MP	180° × 180° × 180°	14.04°	5.56mm	27.9±0.3mm	-99.67%	M12	ϕ 25 × 22.35	-20℃--+100℃
7	123FH135235B	f1.35mm 1/2.3" F2.35	1/2.3"(ϕ 3.83)	1.35	2.35	6MP	185° × 185° × 185°	13.69°	3.57mm	20.53±0.3mm	-105.7%	M12	ϕ 15 × 16.96	-20℃--+100℃
8	123FH13922B	f1.39mm 1/2.3" F2.2	1/2.3"(ϕ 3.6)	1.39	2.2	6MP	185° × 185° × 185°	13.62°	3.40mm	20.68±0.3mm	-105.79%	M12	ϕ 15 × 17.27	-20℃--+100℃
9	23FH2628B-J1	f2.6mm 1/2.3" F2.8	1/2.3"	2.6	2.8	16MP	150° × 122° × 94.6°	11.88°	2.64mm	24±0.3mm	-68%	M12	ϕ 18 × 21.36	-20℃--+100℃



苏州莱能士光电科技股份有限公司
Suzhou LightIns Optical Technology Co.,Ltd

Fisheye

No	Model No	Key Specs	Sensor Format	Focal Length	Iris	Resolution	Viewing Angle	CRA	Flange Back Focal	TTL	Distortion (%)	Mount	Size	Working Temperature
10	C123FH25528B	f2.55mm 1/2.3" F2.8	1/2.3"	2.55	2.8	16MP	158° × 128° × 99°	9.77°	2.64mm	24.3±0.3mm	-69%	M12	φ 17.3 × 21.36	-20°C~+100°C
11	14FH14924B	f1.49mm 1/4" F2.4	1/4"	1.49	2.4	2.5MP	176° × 142° × 100°	9.94°	3.04mm	16.11±0.2mm	-87%	M12	φ 16 × 13.07	-40°C~+105°C
12	128FH2024B	f2.0mm 1/2.8" F2.4	1/2.8"	2	2.4	3MP	205° × 169.5° × 90° (IMX290) 198° × 151° × 88° (IMX323)	18°	2.93mm	14.47±0.2mm	-112%	M12	φ 16 × 11.54	-40°C~+105°C
13	128FH2024B	f2.0mm 1/2.8" F2.4	1/2.7"	2.08	2.4	3MP	180° × 149° × 82° (IMX290) 170° × 144° × 80° (IMX323)	18°	2.98mm	14.47±0.2mm	-100%	M12	φ 16 × 11.54	-40°C~+105°C
14	117FH19723B	f1.97mm 1/1.7" F2.4	1/1.7"	1.97	2.3	4MP	190° × 190° × 190°	17.4°	4.21mm	27.93±0.2mm	-112%	M12	φ 25 × 23.73	-40°C~+85°C



苏州莱能士光电科技股份有限公司
Suzhou Lightins Optical Technology Co.,Ltd

Varifocal

No	Model No	Key Specs	Sensor Format	Focal Length	RI	Iris	Resolution	Viewing Angle	CRA	Flange Back Focal	M.O.D	TTL(±0.3mm)	Distortion(%)	Mount	Size	Working Temperature
2	23VD6520C	f6.5-20mm 2/3" F1.4	2/3"	6.5-20	35.55%-44.98%	1.4	3MP	96° × 33.5° /81.5° × 26.9° /46° × 16.7° (2/3" 16:9) 96° × 33.5° /74° × 29° /54° × 20° (2/3" 4:3)	12.2° (W)-12.9° (T)	11.52-13.43mm	0.3m	75.9mm	-25.88%~-0.78%	C	φ 43.4 × 57.02	-20℃→+80℃
3	118VD0840C	f8-40mm 1/1.8" F1.4	1/1.8"	8-40	51.11%-60.55%	1.4	5MP	56.8° × 13° /50° × 11.2° /28° × 6.4° (16:9) 56.8° × 13° /45.5° × 7.5° /34.5° × 7.8° (4:3)	8.95° (W)-9.1° (T)	6.78-9.12mm	0.2m	111.46mm	-6.83%~0.93%	C	φ 59 × 93.93	-20℃→+80℃
4	118VD0840CS	f8-40mm 1/1.8" F1.4	1/1.8"	8-40	51.11%-60.55%	1.4	8MP	56.8° × 13° /50° × 11.2° /28° × 6.4° (16:9) 56.8° × 13° /45.5° × 7.5° /34.5° × 7.8° (4:3)	8.95° (W)-9.1° (T)	6.78-9.12mm	0.2m	111.46mm	-6.83%~0.93%	C	φ 59 × 93.93	-20℃→+80℃
5	118VD0840C-R2	f8-40mm 1/1.8" F1.4	1/1.8"	8-40	51.11%-60.55%	1.4	5MP	56.8° × 13° /50° × 11.2° /28° × 6.4° (16:9) 56.8° × 13° /45.5° × 7.5° /34.5° × 7.8° (4:3)	8.95° (W)-9.1° (T)	6.78-9.12mm	0.2m	111.46mm	-6.83%~0.93%	C	φ 59 × 93.93	-20℃→+80℃
6	118VM0950C	f9-50mm 1/1.8" F1.6	1/1.8"	9-50	56.20%-40.37%	1.6	3MP	60° × 10.6° /49.5° × 9.0° /26.5° × 5.0° (16:9) 60° × 10.6° /45° × 8.3° /33° × 6.3° (4:3)	12.61° (W)-7.01° (T)	8.72-11.46mm	0.3m	107.93mm	-19.19%~-0.92%	C	φ 50 × 90.4	-20℃→+80℃
7	118VD0950C	f9-50mm 1/1.8" F1.6	1/1.8"	9-50	56.20%-40.37%	1.6	3MP	60° × 10.6° /49.5° × 9.0° /26.5° × 5.0° (16:9) 60° × 10.6° /45° × 8.3° /33° × 6.3° (4:3)	12.61° (W)-7.01° (T)	8.72-11.46mm	0.3m	107.93mm	-19.19%~-0.92%	C	φ 50 × 90.4	-20℃→+80℃
8	118VM0950C-R1	f9-50mm 1/1.8" F1.6	1/1.8"	9-50	56.20%-40.37%	1.8	4MP	60° × 10.6° /49.5° × 9.0° /26.5° × 5.0° (16:9) 60° × 10.6° /45° × 8.3° /33° × 6.3° (4:3)	12.61° (W)-7.01° (T)	8.72-11.46mm	0.3m	107.93mm	-19.19%~-0.92%	C	φ 50 × 90.4	-20℃→+80℃
9	128VM2713CS	f2.7-13mm 1/2.8" F1.4	1/2.8"	2.7-13		1.4	3MP	160° × 35.6° /128° × 31° /64.5° × 17.4° (16:9) 160° × 35.6° /115° × 28.5° /81.6° × 21.5° (4:3)	7.88° (W)-8.62° (T)	6.91-14.5mm	0.1m	55mm		CS	φ 34.6 × 41.8	-20℃→+80℃

10	128VD2713CS	f2.7-13mm 1/2.8" F1.4	1/2.8"	2.7-13		1.4	3MP	160° × 35.6° /128° × 31° /64.5° × 17.4° (16:9) 160° × 35.6° /115° × 28.5° /81.6° × 21.5° (4:3)	7.88° (W)-8.62° (T)	6.91-14.5mm	0.1m	55mm	-32%- -3%	CS	φ 36.9 × 41.85	-20℃→+80℃
11	128VF2713D14	f2.7-13mm 1/2.8" F1.4	1/2.8"	2.7-13		1.4	3MP	160° × 35.6° /128° × 31° /64.5° × 17.4° (16:9) 160° × 35.6° /115° × 28.5° /81.6° × 21.5° (4:3)	7.88° (W)-8.62° (T)	6.91-14.5mm	0.1m	55mm	-32%- -3%	φ 14	φ 33 × 40.6	-20℃→+80℃
12	128VD2713D14	f2.7-13mm 1/2.8" F1.4	1/2.8"	2.7-13		1.4	3MP	160° × 35.6° /128° × 31° /64.5° × 17.4° (16:9) 160° × 35.6° /115° × 28.5° /81.6° × 21.5° (4:3)	7.88° (W)-8.62° (T)	6.91-14.5mm	0.1m	55mm	-32%- -3%	φ 14	φ 36.5 × 40.6	-20℃→+80℃
13	128VT2713D14	f2.7-13mm 1/2.8" F1.4	1/2.8"	2.7-13		1.4	3MP	160° × 35.6° /128° × 31° /64.5° × 17.4° (16:9) 160° × 35.6° /115° × 28.5° /81.6° × 21.5° (4:3)	7.88° (W)-8.62° (T)	6.91-14.5mm	0.1m	55mm	-32%- -3%	φ 14	φ 36.5 × 40.8	-20℃→+80℃
15	128VD2713CS-R1	f2.7-13mm 1/2.8" F1.4	1/2.8"	2.7-13	29.21%-85.24%	1.4	3MP	160° × 35.6° /128° × 31° /64.5° × 17.4° (16:9) 160° × 35.6° /115° × 28.5° /81.6° × 21.5° (4:3)	7.88° (W)-8.62° (T)	6.38-6.7mm	0.1m	54.3mm	-80.57%~-3.15%	CS	φ 39 × 40.2	-20℃→+80℃
16	118VD3818C-R1	f3.8-18mm 1/1.8" F1.4	1/1.8"	3.8-18	37.76%-68.08%	1.4	3MP	160° × 32° /125° × 28° /62° × 16° (16:9) 160° × 32° /114° × 26° /80° × 20° (4:3)	4.1° (W)-6.07° (T)	8.8-20.9mm	0.2m	91.7mm	-81.4%-2.5%	C	φ 50 × 74.23	-20℃→+80℃
17	118VD3818C	f3.8-18mm 1/1.8" F1.6	1/1.8"	3.8-18	37.76%-68.08%	1.6	3MP	160° × 32° /125° × 28° /62° × 16° (16:9) 160° × 32° /114° × 26° /80° × 20° (4:3)	4.1° (W)-6.07° (T)	8.8-20.9mm	0.2m	91.7mm	-81.4%-2.5%	C	φ 50 × 74.23	-20℃→+80℃
18	118VD3818C-R2	f3.8-18mm 1/1.8" F1.4	1/1.8"	3.8-18	37.76%-68.08%	1.4	5MP	160° × 32° /125° × 28° /62° × 16° (16:9) 160° × 32° /114° × 26° /80° × 20° (4:3)	4.1° (W)-6.07° (T)	8.8-20.9mm	0.2m	91.7mm	-81.4%-2.5%	C	φ 50 × 74.23	-20℃→+80℃
19	118VD3818C-R3	f3.8-18mm 1/1.8" F1.6	1/1.8"	3.8-18	37.76%-68.08%	1.6	3MP	160° × 32° /125° × 28° /62° × 16° (16:9) 160° × 32° /114° × 26° /80° × 20° (4:3)	4.1° (W)-6.07° (T)	8.8-20.9mm	0.2m	91.7mm	-81.4%-2.5%	C	φ 50 × 74.23	-20℃→+80℃
20	118VD3818C-R7	f3.8-18mm 1/1.8" F1.6	1/1.8"	3.8-18	37.76%-68.08%	1.6	3MP	160° × 32° /125° × 28° /62° × 16° (16:9) 160° × 32° /114° × 26° /80° × 20° (4:3)	4.1° (W)-6.07° (T)	8.8-20.9mm		91.7mm	-81.4%-2.5%	C	φ 50 × 74.23	-20℃→+80℃
21	118VD3818C-R4	f3.8-18mm 1/1.8" F1.6	1/1.8"	3.8-18	37.76%-68.08%	1.6	3MP	160° × 32° /125° × 28° /62° × 16° (16:9) 160° × 32° /114° × 26° /80° × 20° (4:3)	4.1° (W)-6.07° (T)	8.19-13.73mm	0.2m	91.7mm	-81.42%~-2.85%	C	φ 50 × 69.9	-20℃→+80℃

22	118VD3818C-R5	f3.8-18mm 1/1.8" F1.6	1/1.8"	3.8-18	37.76%-68.08%	1.6	3MP	160° × 32° /125° × 28° /62° × 16° (16:9) 160° × 32° /114° × 26° /80° × 20° (4:3)	4.1° (W)-6.07° (T)	8.19-13.73mm		91.7mm	-81.42%~-2.85%	C	φ 50 × 69.9	-20°C→+80°C
23	118VM3818C	f3.8-18mm 1/1.8" F1.6	1/1.8"	3.8-18	37.76%-68.08%	1.6	3MP	160° × 32° /125° × 28° /62° × 16° (16:9) 160° × 32° /114° × 26° /80° × 20° (4:3)	4.1° (W)-6.07° (T)	8.19-13.73mm	0.2m	91.7mm	-81.42%~-2.85%	C	φ 50 × 74.23	20°C-Q291+80°C
24	118VM3818C-R6	f3.8-18mm 1/1.8" F1.6	1/1.8"	3.8-18	37.76%-68.08%	1.6	3MP	160° × 32° /125° × 28° /62° × 16° (16:9) 160° × 32° /114° × 26° /80° × 20° (4:3)	4.1° (W)-6.07° (T)	8.8-20.9mm	0.2m	91.7mm	-81.4%- -2.5%	C	φ 50 × 74.24	-20°C→+80°C
25	125VM0660CS	f6-60mm 1/2.5" F1.6	1/2.5"	6-60		1.6	3MP	55° × 7° /46.5° × 6.0° /25° × 3.4° (16:9) 57° × 7° /43° × 5.6° /31° × 4.2° (4:3)	10.79° (W)-7.05° (T)	8.64-12.95mm	0.3m	100mm	-16%-0.6%	CS	φ 45 × 89	-20°C→+80°C
26	125VD0660CS	f6-60mm 1/2.5" F1.6	1/2.5"	6-60	64.81%-40.93%	1.6	3MP	55° × 7° /46.5° × 6.0° /25° × 3.4° (16:9) 57° × 7° /43° × 5.6° /31° × 4.2° (4:3)	10.79° (W)-7.05° (T)	7.29-8.5mm		100mm	-15.21%~-0.61%	CS	φ 44 × 89	-20°C→+80°C
27	125VD0660D14	f6-60mm 1/2.5" F1.6	1/2.5"	6-60		1.6	3MP	55° × 7° /46.5° × 6.0° /25° × 3.4° (16:9) 57° × 7° /43° × 5.6° /31° × 4.2° (4:3)	10.79° (W)-7.05° (T)	8.64-12.95mm	0.3m	100mm	-16%-0.6%	φ 14	φ 44 × 89	-20°C→+100°C
28	125VP0660D14	f6-60mm 1/2.5" F1.6	1/2.5"	6-60		1.6	3MP	55° × 7° /46.5° × 6.0° /25° × 3.4° (16:9) 57° × 7° /43° × 5.6° /31° × 4.2° (4:3)	10.79° (W)-7.05° (T)	8.64-12.95mm	0.3m	100mm	-16%-0.6%	φ 14	φ 44 × 89	-20°C→+100°C
29	118VD2060CS	f20-60mm 1/1.8" F1.6	1/1.8"	20-60		1.6	3MP	55° × 7° /46.5° × 6.0° /25° × 3.4° (16:9) 57° × 7° /43° × 5.6° /31° × 4.2° (4:3)	10.79° (W)-7.05° (T)	8.64-12.95mm	0.3m	100mm	-16%-0.6%	φ 14	φ 44 × 89	-20°C→+100°C
30	125VT0660D14	f6-60mm 1/2.5" F1.6	1/2.5"	6-60		1.6	3MP	55° × 7° /46.5° × 6.0° /25° × 3.4° (16:9) 57° × 7° /43° × 5.6° /31° × 4.2° (4:3)	10.79° (W)-7.05° (T)	8.64-12.95mm	0.3m	100mm	-16%-0.6%	φ 14	φ 44 × 89	-20°C→+100°C
31	125VP0660CS	f6-60mm 1/2.5" F1.6	1/2.5"	6-60		1.6	3MP	55° × 7° /46.5° × 6.0° /25° × 3.4° (16:9) 57° × 7° /43° × 5.6° /31° × 4.2° (4:3)	10.79° (W)-7.05° (T)	8.64-12.95mm	0.3m	100mm	-16%-0.6%	CS	φ 44 × 89	-20°C→+100°C
32	127VD2713CSN	f2.7-13mm 1/2.7" F1.3	1/2.7"	2.7-13	32.45%-64.29%	1.3	3MP	160° × 30.4° /130° × 26.4° /69° × 15° (16:9) 160° × 30.4° /118° × 24.3° /84° × 18° (4:3)	4.34° (W)-8.83° (T)	4.77-7.11mm	0.1m	60mm	-81.73%~-2.48%	CS	φ 39 × 45.4	-20°C→+80°C

34	127VD2713D14N	f2.7-13mm 1/2.7" F1.3	1/2.7"	2.7-13		1.3	3MP	160° × 30.4° /130° × 26.4° /69° × 15° (16:9) 160° × 30.4° /118° × 24.3° /84° × 18° (4:3)	4.34° (W)-8.83° (T)	5.4-15.1mm	0.1m	60mm	-19.86%~3%	φ 14	φ 44 × 89	-20℃→+80℃
35	12VM0411CS	f4-11mm 1/2" F1.4	1/2"	4-C		1.4	3MP	1/2" 130° × 34° /92° × 20° /62° × 190°	/	7.52-13.33mm	0.1m	60.06mm	/	CS	φ 39 × 48.05	-20℃→+100℃
36	12VD0411CS	f4-11mm 1/2" F1.4	1/2"	4-11		1.4	3MP	1/2" 130° × 34° /92° × 20° /62° × 19°	/	7.52-13.33mm	0.1m	60.06mm	/	CS	φ 39 × 48.05	-20℃→+100℃
37	12VM7516CS	f7.5-16mm 1/2" F1.4	1/2"	7.5-16		1.4	3MP	1/2" 66° × 30° /52° × 25° /38.6° × 19.2°	/	7.9-12.3mm	0.3m	64.3mm	/	CS	φ 34.4 × 51.2	-20℃→+100℃
38	12VD7516CS	f7.5-16mm 1/2" F1.4	1/2"	7.5-16		1.4	3MP	1/2" 66° × 30° /52° × 25° /38.6° × 19.2°	13° (W)-14.3° (T)	7.9-12.3mm	0.3m	64.3mm	/	CS	φ 34.4 × 51.2	-20℃→+100℃
39	23VF0615D16	f6-15mm 2/3" F1.4	2/3"	6-15		1.4	3MP	2/3" 100° × 42° /77° × 34.4° /58° × 26°	13° (W)-14.3° (T)	10.23-16.58mm	0.3m	65.01mm	-16%~0.6%	φ 16	φ 34 × 51.54	-20℃→+80℃
40	23VD0615C	f6-15mm 2/3" F1.4	2/3"	6-15	36.04%-41.43%	1.4	3MP	100° × 43° /86° × 37.5° /46° × 21" (16:9) 100° × 43° /77° × 34.4° /58° × 26° (4:3)	13° (W)-14.3° (T)	9.61-13.73mm	0.3m	65.24mm	-32.22%~-3.77%	C	φ 43.4 × 47.71	-20℃→+80℃
41	23VD0615C-R1	f6-15mm 2/3" F1.6	2/3"	6-15		1.6	3MP	100° × 43° /86° × 37.5° /46° × 21" (16:9) 100° × 43° /77° × 34.4° /58° × 26° (4:3)	13° (W)-14.3° (T)	10.23-16.58mm	0.3m	65.01mm	-16%~0.6%	C	φ 43.4 × 47.71	-20℃→+80℃
42	23VM065155C	f6.5-15.5mm 2/3" F1.4	2/3"	6.5-15.5	36.04%-41.43%	1.4	3MP	100° × 43° /86° × 37.5° /46° × 21" (16:9) 100° × 43° /77° × 34.4° /58° × 26° (4:3)	13° (W)-14.3° (T)	9.61-13.73mm	0.3m	65.24mm	-32.22%~-3.77%	C	φ 39 × 47.71	-20℃→+80℃
43	118VD7582C	f7.5-82mm 1/1.8" F1.6	1/1.8"	7.5-82	47.05%-26.50%	1.6	3MP	67° × 6.3° /57° × 5.5° /31° × 3.15" (16:9) 67° × 6.3° /52° × 5° /38.5° × 3.8" (4:3)	9.29° (W)-6.44° (T)	8.23-9.36mm	/	126.08mm	-16.79%~2.32%	C	φ 70 × 110	-20℃→+80℃
44	118VM3616CS	f3.6-16mm 1/1.8" F1.7	1/1.8"	3.6-16	38.87%-73.48%	1.7	8MP	180° × 33.2° /127° × 29° /62.5° × 16.2" (16:9) 180° × 33.2° /113° × 27° /78.5° × 20° (4:3)	15.5° (W)-10.86° (T)	6.82-9.0mm	0.2m	105.26mm	-90.65%~-2.42%	CS	φ 56 × 84.51	-20℃→+80℃

45	118VD3616CS	f3.6-16mm 1/1.8" F1.6	1/1.8"	3.6-16	38.87%-73.48%	1.6	8MP	180° × 33.2° /127° × 29° /62.5° × 16.2° (16:9) 180° × 33.2° /113° × 27° /78.5° × 20° (4:3)	15.5° (W)-10.86° (T)	6.75-9.0mm	0.2m	105.26mm	-90.65%~-2.42%	CS	φ 56 × 84.51	-20℃-+80℃
46	118VD8545C	f8.5-45mm 1/1.8" F1.4	1/1.8"	8.5-45	46.49%-36.39%	1.4	8MP	57.5° × 11.7° /49.5° × 10.4° /27° × 5.8° (16:9) 57.5° × 11.7° /45.3° × 9.5° /33.2° × 7.1° (4:3)	3.75° (W)-5° (T)	9.69-11.46	0.3m	124.8mm	-13.65%~-0.61%	C	φ 56 × 107.3	-20℃-+80℃



苏州莱能士光电科技股份有限公司
Suzhou Lightlins Optical Technology Co.,Ltd

Vehicle

No	Model No	Key Specs	Senser Forma t	Focal Length	Iris	Resol ution	Viewing Angle	CRA	Flange Back Focal	TTL	Distorti on(%)	Mount	Size	Working Temperature
1	14FH09520B	f0.95mm 1/4" F2.0	1/4"	0.95	2	2MP	210° × 193° × 124°	13.2°	1.39mm	14.99±0.3mm	-156.3%	M12	φ 14 × 13.60	-40°C--+105°C
2	14FH13520B	f1.35mm 1/4" F2.0	1/4"	1.35	2	2MP	141° × 120° × 88°	24.28°	1.91mm	13.43±0.3mm	-42.87%	M12	φ 16 × 11.12	-40°C--+105°C
3	138FH15322B	f1.53mm 1/3.8" F2.2	1/3.8"	1.53	2.2	1.5MP	188.8° × 144.6° × 106.4°	10.15°	2.80mm	14.70±0.3mm	-111.75%	M12	φ 14 × 12	-40°C--+105°C
4	128CL2222B	f2.2mm 1/2.8" F2.2	1/2.8"	2.2	2.2	1.5MP	193*144*105	17.5°	3.3mm	14.70±0.3mm	-97.53%	M12	φ 14 × 11.4	-40°C--+105°C
5	1275FH42720B	f4.27mm 1/2.75" F2.0	1/2.75"	f4.27mm	2	2.0MP	94.7° × 80.1° × 44.2°	12.5°	6.47mm	18.56±0.3mm	-33%	M12	φ 14 × 12.09	-40°C--+105°C
6	14FH09620B	f0.96mm 1/4" F2.0	1/4"	f0.96mm	2	2.0MP	210° × 192.6° × 142.2° (ASX342	21.9°	1.81mm	12.66±0.3mm	-151%	M12	φ 16 × 10.85	-40°C--+105°C
7	138FH17922B	f1.79mm 1/3.8" F2.2	1/3.8"	f1.79mm	2.2	1.5MP	153° × 119° × 90°	12.43°	4.20mm	14.75±0.3mm	-67.60%	M12	φ 14 × 11.55	-40°C--+105°C
8	14FH11520B	f1.15mm 1/4" F2.0	1/4"	f1.15mm	2	1.5MP	164° × 146° × 95°	17°	1.68mm	13.52±0.3mm	-87.00%	/	φ 14.82 × 13.52	-40°C--+105°C
9	1355AL1020B	f1.0mm 1/3.55" F2.0	1/3.55"	f1.0mm	2	1.5MP	107° × 193.6° × 148.8° (OX01F1	18.74°	1.61mm	13.37±0.3mm	-151%	Φ 10AA	φ 15.6 × 11.70	-40°C--+85°C
10	14AL4316B	f4.3mm 1/4" F1.6	1/4"	f4.3mm	1.6	1.5MP	60.3° × 50.3° × 31.3°	11.4°	1.6mm	11.0±0.3mm	9.42%	Φ 7.5AA	φ 12.5 × 9.10	-40°C--+105°C
11	1355AL1020B	f1.0mm 1/3.55" F2.0	1/3.55"	f1.0mm	2	1.5MP	107° × 193.6° × 148.8° (OX01F1	18.74°	1.61mm	12.90±0.3mm	-151%	φ 10AA	φ 15.6 × 11.3	-40°C--+85°C

12	129CL5020B	f5.03mm 1/2.9" F2.0	1/2.9"	f5.03mm	2	2MP	74° × 56° × 45°	11.42	3.5MM	14.2±0.3mm	-18.20%	φ 9AA	φ 12 × 10.5	-40°C--+105°C
13	129MF2818B	f2.8mm 1/2.9" F1.8	1/2.9"	2.8	1.8	2MP	124.8° × 104° × 56°	13.15°	6.24mm	22.4mm	-50.6%	M12	φ 14 × 16.81	-40°C--+105°C
14	125MF2818B-R1	f2.8mm 1/2.5" F1.8	1/2.5"	2.8	1.8	3MP	156° × 131° × 70° (16:9) 156° × 120° × 87° (4:3)	10.52°	5.99mm	23.5±0.30mm	-74%	M12	φ 17.0 × 17.54	-40°C--+105°C
15	C13MF2420B-R2	f2.4mm 1/3" F2.0	1/3"	2.4	2	2MP	156.5° × 129° × 68.5° (16:9) 156.5° × 117.3° × 85° (4:3)	16.88°	3.97mm	15.60±0.30mm	-75%	M12	φ 14.0 × 11.33	-40°C--+105°C
16	13MF2618B	f2.6mm 1/3" F1.8	1/3"	2.6	1.8	1.3MP	153° × 124° × 64° (16:9) 153° × 110° × 80° (4:3)	14.98°	3.91mm	17.16±0.30mm	-73%	M12	φ 14.0 × 13.24	-40°C--+105°C
17	129MF2618B	f2.6mm 1/2.9" F1.8	1/2.9"	2.6	1.8	2MP	160° × 128° × 66.7°	15.26°	4.17mm	17.21±0.30mm	-79.83%	M12	φ 14.0 × 12.75	-40°C--+105°C
18	C129MF3620B-H	f3.6mm 1/2.9" F2.0	1/2.9"	3.6	2	2MP	103.5° × 88° × 47°	18°	5.88mm	16.68±0.30mm	-34.2%	M12	φ 16.0 × 10.8	-40°C--+105°C
19	C13MF3020B	f3mm 1/3" F2.0	1/3"	3	2	3MP	128° × 97.4° × 56°	18°	4.82mm	18.70±0.30mm	-54%	M12	φ 14 × 13.7	-40°C--+105°C



Starlight

[illegible]

15	C125MF4010M16	f4.0mm 1/2.5" F1.0	1/2.5"	4	1	6MP	106° × 90° × 49°	12°	4.87mm	35.75±0.30mm	-35%	M16	φ 20 × 30.9	-20°C--+80°C
16	C118MF54310M16	f5.43mm 1/1.8" F1.0	1/1.8"	5.43	1	8MP	105° × 88° × 46°	10°	5.28mm	45.47±0.30mm	-38%	M16	φ 20 × 40.18	-20°C--+80°C
17	C127MF0410M16	f4mm 1/2.7" F1.0	1/2.7"	4	1	3MP	112° × 91.5° × 47°	0.47°	7.00mm	38.30±0.30mm	-45%	M16	φ 20 × 38.3	-20°C--+100°C
18	C127MF0610M16	f6.0mm 1/2.7" F1.0	1/2.7"	6	1	3MP	74° × 61° × 33°	3.31°	7.90mm	41.10±0.30mm	-26%	M16	φ 20 × 41.1	-20°C--+100°C
19	C127MF0416B	f4.0mm 1/2.7" F1.6	1/2.7"	4	1.6	4MP	108° X91.2° X49.4°	12.4°	5.37mm	22.2±0.30mm	-38%	M12	φ 14 × 16.83	-20°C--+80°C



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No	Model No	Key Specs	Sensor Format	Focal Length	Iris	Resolution	Viewing Angle	CRA	Flange Back Focal	TTL	Distortion (%)	Mount	Size	Working Temperature
1	127MF32722B	f3.27mm 1/2.7" F2.2	1/2.7"	3.27	2.2	4MP	140° × 112° × 58.5° (16:9) 140° × 100.5° × 62° (4:3)	19.27°	5.03mm	16.90±0.30mm	-61.3%	M12	φ 14 × 11.88	-20°C~+80°C
2	C127MF3618B-1	f3.6mm 1/2.7" F1.8	1/2.7"	3.6	1.8	2MP	118° × 88° × 60°	15°	6.53mm	22.49mm	-48%	M12	φ 14.0 × 17.06	-20°C~+80°C
3	13MF2118B	f2.1mm 1/3" F1.8	1/3"	2.1	1.8	1.5MP	1/3" 170° × 130° × 95°	10.86°	6.1mm	24.1mm	-88.60%	M12	φ 18 × 18.16	-20°C~+80°C
4	C13MF2420B-R2	f2.4mm 1/3" F2.0	1/3"	2.4	2	2MP	156.5° × 129° × 68.5° (16:9) 156.5° × 117.3° × 85° (4:3)	16.88°	3.97mm	15.60±0.30mm	-75%	M12	φ 14.0 × 11.33	-20°C~+80°C
5	C127MF3020B-1	f3mm 1/2.7" F2.0	1/2.7"	3	2	2MP	146° × 115° × 60° (16:9) 146° × 101.6° × 72° (4:3)	18°	5.07mm	17.71±0.30mm	-64.10%	M12	φ 14 × 12.64	-20°C~+80°C
6	C127MF3020B-5	f3mm 1/2.7" F2.0	1/2.7"	3	2	2MP	146° × 115° × 60° (16:9) 146° × 101.6° × 72° (4:3)	18°	5.07mm	17.71±0.30mm	-64.10%	M12	φ 14 × 12.64	-20°C~+80°C
7	C127MF3020B-R1	f3mm 1/2.7" F2.0	1/2.7"	3	2	2MP	112° × 90° × 55.5°	18°	5.41mm	17.56mm	-64.10%	M12	φ 14 × 13.44	-20°C~+80°C
8	C127MF30215B	f3mm 1/2.7" F2.15	1/2.7"	3	2.15	3MP	146° × 115° × 60° (16:9) 146° × 101.6° × 72° (4:3)	18°	5.30mm	18.70±0.30mm	-64.10%	M12	φ 14 × 13.4	-20°C~+80°C
9	C129MF3025B	f3mm 1/2.9" F2.5	1/2.9"	3	2.5	2MP	126.7° × 104.2° × 55°	18°	5.07mm	17.65±0.30mm	-53.30%	M12	φ 14 × 18.15	-20°C~+80°C
10	13MF2618B	f2.6mm 1/3" F1.8	1/3"	2.6	1.8	1.3MP	153° × 124° × 64° (16:9) 153° × 110° × 80° (4:3)	14.98°	3.91mm	17.16±0.30mm	-73%	M12	φ 14.0 × 13.24	-20°C~+80°C
11	14MF2622B	f2.6mm 1/4" F2.2	1/4"	2.6	2.2	2MP	106° × 90° × 48° (16:9) 106° × 81.5° × 59.5° (4:3)	16.11°	4.39mm	17.31±0.30mm	-38%	M12	φ 14.0 × 12.91	-20°C~+80°C
12	C127MF3620B-Y	f3.6mm 1/2.7" F2.0	1/2.7"	3.6	2	2MP	122.6° × 100.5° × 51.8° (16:9) 122.6° × 89° × 64.5° (4:3)	16.39°	5.76mm	23.4±0.30mm	-50.50%	M12	φ 14.5 × 17.64	-20°C~+80°C

13	127MF4024B-R1	f3.9mm 1/2.7" F2.4	1/2.7"	4	2.4	1.3MP	1/2.7" 101° × 85° × 46°	20.43°	7.17mm	21.74mm	-28%	M12	φ 14.0 × 16.33	-20°C~+80°C
14	127MF4020B-R3	f4mm 1/2.7" F2.0	1/2.7"	4	2	2MP	92° × 79.5° × 45° (16:9) 92° × 72.5° × 54° (4:3)	15°	5.82mm	22.15±0.20mm	-23%	M12	φ 14.0 × 16.33	-20°C~+80°C
15	127MF4020B-R4	f4mm 1/2.7" F2.0	1/2.7"	4	2	2MP	92° × 79.5° × 45° (16:9) 92° × 72.5° × 54° (4:3)	15°	5.82mm	22.15±0.20mm	-23%	M12	φ 14.0 × 16.33	-20°C~+80°C
16	127MF4020B-R6	f4mm 1/2.7" F2.0	1/2.7"	4	2	2MP	92° × 79.5° × 45° (16:9) 92° × 72.5° × 54° (4:3)	15°	5.82mm	22.15±0.20mm	-23%	M12	φ 14.0 × 16.33	-20°C~+80°C
17	127MF3118B	f3.1mm 1/2.7" F1.8	1/2.7"	3.1	1.8	2MP	156° × 120° × 62° (16:9) 156° × 107.5° × 76.5° (4:3)	12.23°	5.07mm	17.55±0.30mm	-77%	M12	φ 14.0 × 12.15	-20°C~+80°C
18	129MF28620B	f2.86mm 1/2.9" F2.0	1/2.9" (φ 6.4)	2.86	2.6	2MP	168° × 126° × 61.5° (16:9) 168° × 112° × 79° (4:3)	15.8°	3.40mm	16.61±0.30mm	-88.56%	M12	φ 14.0 × 13.21	-20°C~+80°C
19	129MF28620M10	f2.86mm 1/2.9" F2.0	1/2.9"	2.86	2	2MP	168° × 126° × 61.5° (16:9) 168° × 112° × 79° (4:3)	15.8°	3.40mm	16.61±0.30mm	-88.56%	M10	φ 16.0 × 13.21	-20°C~+80°C
20	C127MF4024B	f4.0mm 1/2.7" F2.4	1/2.7"	4	2.4	2MP	110° × 90° × 48°	19.07°	6.52mm	15.99mm	41%	M12	φ 7.1 × 12.25	-20°C~+80°C
21	127MF3025B	f3.0mm 1/2.7" F2.5	1/2.7"	3	2.5	3MP	146° × 119° × 61° (16:9) 146° × 106.5° × 64° (4:3)	18°	4.20mm	14.95±0.30mm	-67%	M12	φ 14.0 × 10.75	-20°C~+80°C
22	C125MF3025B	f3.0mm 1/2.5" F2.5	1/2.5"	3	2.5	3MP	180° × 132° × 67° (16:9) 180° × 117° × 82° (4:3)	18.5°	4.30mm	15.30±0.30mm	-98%	M12	φ 14.0 × 10.75	-20°C~+80°C
23	125MF02526B	f2.5mm 1/2.5" F2.6	1/2.5"	2.5	2.6	2MP	179° × 151.2° × 81° (16:9) 179° × 136° × 100° (4:3)	13.4°	4.66mm	22.00±0.4mm	-98.5%	M12	φ 17.0 × 17.30	-20°C~+80°C
24	14MF22235B	f2.2mm 1/4" F2.35	1/4"	2.2	2.35	2MP	166° × 115° × 59° (16:9) 166° × 106° × 73° (4:3)	14.91°	4.28mm	18.53±0.20mm	-87.50%	M12	φ 14.0 × 14.25	-40°C~+105°C
25	127MF4020-R2	f4mm 1/2.7" F2.0	1/2.7"	4	2	2MP	92° × 79.5° × 45° (16:9) 92° × 72.5° × 54° (4:3)	19.46°	5.82mm	22.15±0.20mm	-23%	M12	φ 14.0 × 16.33	-20°C~+80°C
26	C127MF3622B	f3.6mm 1/2.7" F2.2	1/2.7"	3.6	2.2	2MP	117° × 96° × 52° (16:9) 105° × 88° × 49° (4:3)	11°	6.15mm	23.05±0.30mm	-21.00%	M12	φ 14.5 × 16.90	-20°C~+80°C
27	C127MF3622B-2	f3.6mm 1/2.7" F2.2	1/2.7"	3.6	2.2	2MP	117° × 96° × 52° (16:9) 105° × 88° × 49° (4:3)	11°	6.09mm	23.12±0.30mm	-21.00%	M12	φ 14.0 × 17.03	-20°C~+80°C

28	13MF2122B	f2.1mm 1/3" F2.2	1/3"	2.1	2.2	3MP	160° × 133° × 72° (16:9) 160° × 122° × 90° (4:3)	11°	5.83mm	22.5±0.30mm	-77%	M12	φ 14.0 × 16.67	-20°C--+60°C
29	127MF02420B	f2.4mm 1/2.7" F2.0	1/2.7"	2.4	2	3MP	187° × 146° × 78° (16:9) 187° × 132° × 84° (4:3)	14.76°	3.90mm	13.35±0.30mm	-108%	M12	φ 14.0 × 11.44	-40°C--+105°C
30	127MF37622B	f3.76mm 1/2.7" F2.2	1/2.7"	3.76	2.2	3MP	113° × 94.5° × 50.2° (16:9) 113° × 86° × 62° (4:3)	15°	5.89mm	19.10±0.20mm	-40.20%	M12	φ 14.0 × 13.21	-40°C--+105°C
31	127MF03620B	f3.6mm 1/2.7" F2.0	1/2.7"	3.6	2	3MP	106.8° × 91° × 60° (16:9) 106.8° × 82° × 61.6° (4:3)	16°	6.07mm	22.57±0.30mm	-32.76%	M12	φ 14.0 × 16.5	-20°C--+80°C
32	C125MF3125B	f3.1mm 1/2.8" F2.5	1/2.5"	3.1	2.5	3MP	174° × 130° × 66° (16:9) 174° × 111° × 81° (4:3)	17.5°	4.31mm	15.00±0.30mm	-92%	M12	φ 14.0 × 10.51	-20°C--+80°C
33	127MF02820B	f2.8mm 1/2.7" F2.0	1/2.7"	2.8	2	3MP	172° × 131° × 68° (16:9) 155° × 127° × 64° (4:3)	17°	4.46mm	15.31±0.30mm	-24%	M12	φ 14.0 × 10.85	-30°C--+80°C
34	129MF2618B	f2.6mm 1/2.9" F1.8	1/2.9"	2.6	1.8	2MP	160° × 128° × 66.7°	15.26°	4.17mm	17.21±0.30mm	-79.83%	M12	φ 14.0 × 12.75	-20°C--+85°C
35	C127MF3820B	f3.8mm 1/2.7" F2.0	1/2.7"	3.8	2	3MP	108.5° X93.4° X52.7°	16°	6.32MM	20.5±0.30mm	-31%	M12	ø14*15.37	-20°C--+80°C
36	C127MF2820B	f2.8mm 1/2.7" F2.0	1/2.8"	2.8	2	3MP	134° X112.3° X61.8°	17.8°	6.05mm	22.2±0.20mm	-53.80%	M12	ø14*16.35	-20°C--+80°C



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Doorbell														
No	Model No	Key Specs	Senser Format	Focal Length	Iris	Resolution	Viewing Angle	CRA	Flange Back	TTL	Distortion (%)	Mount	Size	Working Temperature
1	C127MF3020B-5	f3mm 1/2.7" F2.0	1/2.7"	3	2	2MP	146° × 115° × 60° (16:9) 146° × 101.6° × 72° (4:3)	18°	5.07mm	17.71±0.30mm	-64.10%	M12	φ 14 × 12.64	-20°C~+80°C
2	C127MF3020B-R1	Doorbell	1/2.7"	3	2	2MP	112° × 90° × 55.5°	18°	5.41mm	17.56mm	-64.10%	M12	φ 14 × 13.44	-20°C~+80°C
3	C127MF30215B	f3mm 1/2.7" F2.15	1/2.7"	3	2.15	3MP	146° × 115° × 60° (16:9) 146° × 101.6° × 72° (4:3)	18°	5.30mm	18.70±0.30mm	-64.10%	M12	φ 14 × 13.4	-20°C~+80°C
4	C129MF3025B	f3mm 1/2.9" F2.5	1/2.9"	3	2.5	2MP	126.7° × 104.2° × 55°	18°	5.07mm	17.65±0.30mm	-53.30%	M12	φ 14 × 18.15	-20°C~+80°C
5	127MF3025B	f3.0mm 1/2.7" F2.5	1/2.7"	3	2.5	3MP	146° × 119° × 61° (16:9) 146° × 106.5° × 64° (4:3)	18°	4.20mm	14.95±0.30mm	-67%	M12	φ 14.0 × 10.75	-20°C~+80°C
6	C125MF3025B	f3.0mm 1/2.5" F2.5	1/2.5"	3	2.5	3MP	180° × 132° × 67° (16:9) 180° × 117° × 82° (4:3)	18.5°	4.30mm	15.30±0.30mm	-98%	M12	φ 14.0 × 10.75	-20°C~+80°C
7	C125MF3125B	f3.1mm 1/2.8" F2.5	1/2.5"	3.1	2.5	3MP	174° × 130° × 66° (16:9) 174° × 111° × 81° (4:3)	17.5°	4.31mm	15.00±0.30mm	-92%	M12	φ 14.0 × 10.51	-20°C~+80°C
8	127MF02820B	f2.8mm 1/2.7" F2.0	1/2.7"	2.8	2	3MP	172° × 131° × 68° (16:9) 155° × 127° × 64° (4:3)	17°	4.46mm	15.31±0.30mm	-24%	M12	φ 14.0 × 10.85	-30°C~+80°C
9	127MF2825B	f2.8mm 1/2.7" F2.5	1/2.7"	2.8	2.5	3MP	163° × 131° × 68°	14°	3.64mm	14.20±0.20mm	-82.23%	M12	φ 14.2 × 10.41 φ 19 × 10.41	-20°C~+80°C