

# Island Optical Systems (S) Pte. Ltd.

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## IR Lenses Index

Focal Length	F/#	Focus Type	Wavelength( $\mu$ m)	P/N
<b>Lenses for Uncooled Cameras</b>				
6.3mm	1.4	Fixed Focus	8-12 $\mu$ m	KIR0739
11mm	1.0	Manual Focus	8-12 $\mu$ m	KIR0701
11mm	0.8	Fixed Focus	8-12 $\mu$ m	KIR0750
11mm	1.0	Fixed Focus	8-12 $\mu$ m	KIR0755
13mm	1.4	Manual Focus	8-12 $\mu$ m	KIR0759
14mm	1.1	Fixed Focus	8-12 $\mu$ m	KIR0748
14.3mm	1.0	Fixed Focus	8-12 $\mu$ m	KIR0721
16mm	1.0	Manual Focus	8-12 $\mu$ m	KIR0514
16mm	1.0	Manual Focus	8-12 $\mu$ m	KIR0617
16mm	1.0	Manual Focus	8-12 $\mu$ m	KIR0712
18mm	1.0	Fixed Focus	8-12 $\mu$ m	KIR0501
18mm	0.8	Manual Focus	8-12 $\mu$ m	KIR0502
19mm	1.1	Manual Focus	8-12 $\mu$ m	KIR0606
19mm	1.4	Fixed Focus	8-12 $\mu$ m	KIR0711
19mm	1.0	Fixed Focus	8-12 $\mu$ m	KIR0718
19mm	1.0	Fixed Focus	8-12 $\mu$ m	KIR0747
20mm	0.8	Manual Focus	8-12 $\mu$ m	KIR0753
20mm	0.9	Fixed Focus	8-12 $\mu$ m	KIR0756
25mm	1.0	Manual Focus	8-12 $\mu$ m	KIR0530
25mm	1.0	Fixed Focus	8-12 $\mu$ m	KIR0611
25mm	1.4	Fixed Focus	8-12 $\mu$ m	KIR0525
25mm	1.0	Manual Focus	8-12 $\mu$ m	KIR0515
25mm	1.0	Manual Focus	8-12 $\mu$ m	KIR0743
28mm	1.0	Fixed Focus	8-12 $\mu$ m	KIR0728
35mm	1.0	Manual Focus	8-12 $\mu$ m	KIR0509
35mm	1.0	Manual Focus	8-12 $\mu$ m	KIR0517
35mm	1.0	Manual Focus	8-12 $\mu$ m	KIR0720
35mm	1.0	Fixed Focus	8-12 $\mu$ m	KIR0730
36mm	1.0	Manual Focus	8-12 $\mu$ m	KIR0747
40mm	0.8	Motorized Focus	8-12 $\mu$ m	KIR0507
45mm	1.0	Fixed Focus	8-12 $\mu$ m	KIR0729
45mm	1.0	Fixed Focus	8-12 $\mu$ m	KIR0719
50mm	1.0	Manual Focus	8-12 $\mu$ m	KIR0508
50mm	1.0	Manual Focus	8-12 $\mu$ m	KIR0519
50mm	0.8	Manual Focus	8-12 $\mu$ m	KIR0510
50mm	1.0	Manual Focus	8-12 $\mu$ m	KIR0506
50mm	0.8	Motorized Focus	8-12 $\mu$ m	KIR0602
50mm	1.0	Manual Focus	8-12 $\mu$ m	KIR0607
50mm	1.4	Manual Focus	8-12 $\mu$ m	KIR0529
50mm	0.8	Manual Focus	8-12 $\mu$ m	KIR0752
50mm	1.0	Manual Focus	8-12 $\mu$ m	KIR0512A
50mm	1.0	Manual Focus	8-12 $\mu$ m	KIR0512B
50mm	1.0	Manual Focus	8-12 $\mu$ m	KIR0516
50mm	1.2	Fixed Focus	8-12 $\mu$ m	KIR0714
50mm	1.0	Manual Focus	8-12 $\mu$ m	KIR0742
64mm	1.0	Manual Focus	8-12 $\mu$ m	KIR0616
75mm	1.0	Manual Focus	8-12 $\mu$ m	KIR0522
75mm	1.0	Manual Focus	8-12 $\mu$ m	KIR0612
75mm	1.0	Manual Focus	8-12 $\mu$ m	KIR0403

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<b>Lenses for Uncooled Cameras</b>				
75mm	0.9	Manual Focus	8-12 $\mu\text{m}$	KIR0505
75mm	1.0	Motorized Focus	8-12 $\mu\text{m}$	KIR0707
75mm	1.0	Motorized Focus	8-12 $\mu\text{m}$	KIR0709
80mm	0.9	Motorized Focus	8-12 $\mu\text{m}$	KIR0507
90mm	1.0	Manual Focus	8-12 $\mu\text{m}$	KIR0619
90mm	1.0	Motorized Focus	8-12 $\mu\text{m}$	KIR0740
100mm	1.0	Manual Focus	8-12 $\mu\text{m}$	KIR0503
100mm	1.4	Fixed Focus	8-12 $\mu\text{m}$	KIR0528
100mm	1.0	Manual Focus	8-12 $\mu\text{m}$	KIR0518
100mm	1.0	Manual Focus	8-12 $\mu\text{m}$	KIR0708
100mm	1.4	Fixed Focus	8-12 $\mu\text{m}$	KIR0738
106mm	1.0	Manual Focus	8-12 $\mu\text{m}$	KIR0603
125mm	1.0	Manual Focus	8-12 $\mu\text{m}$	KIR0511-1D
150mm	1.0	Motorized Focus	8-12 $\mu\text{m}$	KIR0504
150mm	1.0	Manual Focus	8-12 $\mu\text{m}$	KIR0526
150mm	1.2	Manual Focus	8-12 $\mu\text{m}$	KIR0511-2D
150mm	1.0	Motorized Focus	8-12 $\mu\text{m}$	KIR0710
150mm/60mm	1.0	Motorized Focus	8-12 $\mu\text{m}$ (2-FOV)	KIR0741
160mm	1.6	Manual Focus	8-12 $\mu\text{m}$	KIR0409
200mm	1.0	Motorized Focus	8-12 $\mu\text{m}$	KIR0735
200mm	1.4	Manual Focus	8-12 $\mu\text{m}$	KIR0737
300mm	1.4	Fixed Focus	8-12 $\mu\text{m}$	KIR0715
367mm	1.6	Fixed Focus	8-12 $\mu\text{m}$	KIR0613
<b>Athermalized for Uncooled Cameras</b>				
14mm	1.1	Fixed Focus	8-12 $\mu\text{m}$	KIR0748
14.3mm	1.0	Fixed Focus	8-12 $\mu\text{m}$	KIR0721
100mm	1.4	Fixed Focus	8-12 $\mu\text{m}$	KIR0738
<b>Special for Uncooled Cameras</b>				
0.25X	NA 1.6	Fixed Focus	8-12 $\mu\text{m}$	KIR0757
0.4X	NA 1.1	Fixed Focus	8-12 $\mu\text{m}$	KIR0745
1X	NA 0.5	Manual Focus	8-12 $\mu\text{m}$	KIR0724
1.8X	NA 1.0	Fixed Focus	8-12 $\mu\text{m}$	KIR0746
2X	NA 1.4	Fixed Focus	8-12 $\mu\text{m}$	KIR0758
<b>Lenses for Cooled Cameras</b>				
50mm	2.0	Manual Focus	3-5 $\mu\text{m}$	KIR0614
100mm	1.0	Manual Focus	3-5 $\mu\text{m}$	KIR0609
180mm	1.4	Fixed Focus	3-5 $\mu\text{m}$	KIR0604
240mm	2.0	Manual Focus	3-5 $\mu\text{m}$	KIR0531