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# StingRay Lens Inventory

(Current as of 5/24/2017)

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## BROADBAND

StingRay Part #	Focal Length	Waveband	Speed/F#	Image Dia.	Interface	Features
SR2913-A01	90°HFOV*	3-12 $\mu$ m	F/2.0	21mm	Bayonet	2, 11, 18, 21
SR1303-A01	25mm	0.72-5.0 $\mu$ m	F/2.5	12.5mm	Bayonet	2, 21
SR0955-A01	50mm	0.72-5 $\mu$ m	F/2.5	12.5mm	Bayonet	2, 21
SR2655-A01	50mm	3-12 $\mu$ m	F/2.0	21mm	Bayonet	2, 21
SR1936-A01	50mm	1.5-5 $\mu$ m	F/2.3	21mm	Bayonet	2, 11, 21
SR1937-A01	100mm	1.5-5 $\mu$ m	F/2.3	21mm	Bayonet	2, 11, 21
SR1637-A01	50mm	1.5-5 $\mu$ m	F/4.0	26.1mm	Bayonet	2, 11, 21
SR1305-A01	100mm	0.72-5 $\mu$ m	F/2.5	12.5mm	Bayonet	2, 11, 21
<b>SR2886-A01</b>	<b>200mm</b>	<b>3-12<math>\mu</math>m</b>	<b>F/2.0</b>	<b>21mm</b>	<b>Bayonet</b>	<b>2, 11, 21, 22</b>

\*Assuming 21mm image diagonal

## VNIR

StingRay Part #	Focal Length	Waveband	Speed/F#	Image Dia.	Interface	Features
SR0675-A01	19.2mm	0.6-0.9 $\mu$ m	F/1.25	17.7mm	c-mount	2, 21
SR2877-A01	39.5°HFOV*	0.4-1.1 $\mu$ m	F/2	16.4mm	Custom	2, 11, 21

\*Assuming 16.4mm image diagonal

## SWIR

StingRay Part #	Focal Length	Waveband	Speed/F#	Image Dia./FOV	Interface	Features
SR2189-A01	23mm	0.9-1.7 $\mu$ m	F/1.4	40°HFOV	c-mount	12, 13, 14
SR1596-A01	25mm	0.9-1.7 $\mu$ m	F/1.4	21mm	c-mount	11, 12, 13, 14
SR2537-A01	25mm	0.48-2.5 $\mu$ m	F/1.3	12.3mm	c-mount	11, 12, 13, 14, 23
SR2534-A01	25mm	0.48-2.5 $\mu$ m	F/1.3	12.3mm	c-mount	1, 2, 11, 12, 21, 23
SR2343-A01	25mm	0.9-1.7 $\mu$ m	F/1.4	21mm	c-mount	1, 2, 11, 12, 21
SR1259-A01	50mm	0.5-2.5 $\mu$ m	F/1.35	21mm	c-mount	2, 21
SR2608-A01	50mm	0.7-1.7 $\mu$ m	F/1.4	20.5mm	c-mount	1, 2, 11, 12, 21
SR0950-A01	50mm	0.8-1.65 $\mu$ m	F/1.4	21mm	c-mount	11, 12, 13, 14
SR0775-A01	50mm	0.9-2.0 $\mu$ m	F/1.4	32.7mm	M42x1mm	1, 2, 11, 12, 21
<b>SR2594-A01</b>	<b>50mm</b>	<b>0.7-2.5<math>\mu</math>m</b>	<b>F/1.3</b>	<b>24mm</b>	<b>c-mount</b>	<b>2, 11, 21</b>
SR1820-A01	75mm	0.7-1.7 $\mu$ m	F/1.4	21mm	M42x1mm	1, 2, 11, 12, 21
<b>SR0674-A01</b>	<b>88mm</b>	<b>0.8-1.7<math>\mu</math>m</b>	<b>F/2.0</b>	<b>21mm</b>	<b>M42x1mm</b>	<b>12, 13, 14, 16</b>
SR0939-A01	100mm	0.7-1.7 $\mu$ m	F/1.5	21mm	M42x1mm	1, 2, 11, 12, 21
SR2042-A01	100mm	0.7-1.7 $\mu$ m	F/1.5	21mm	c-mount	1, 2, 11, 12, 21
SR0577-A01	200mm	0.7-2.5 $\mu$ m	F/1.6	21mm	M42x1mm	1, 2, 10, 11, 12, 21
SR2939-A01	25-250mm	0.9-1.7 $\mu$ m	F/2.0	20mm	M42x1mm	1, 2, 3, 11, 12, 21
SR1939-A01	50-500mm	0.9-1.7 $\mu$ m	F/5.0	21mm	M42x1mm	1, 2, 3, 10, 12

StingRay Optics, LLC Proprietary Information

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## MWIR

StingRay Part #	Focal Length	Waveband	Speed/F#	Image Dia.	Interface	Features
SR2782-A01	13mm	3-5 $\mu$ m	F/2.3	21mm	Bayonet	2, 21
SR1832-A01	25mm	3.4-3.7 $\mu$ m	F/1.5	20mm	Bayonet	2, 21
SR2667-A01	25mm	3.4-4.8 $\mu$ m	F/3.25	10mm	c-mount	13, 15, 16
<b>SR2932-A01</b>	<b>25mm</b>	<b>3.4-3.7<math>\mu</math>m</b>	<b>F/1.5</b>	<b>20mm</b>	<b>threaded</b>	<b>13, 16</b>
SR0786-A01	25mm	3-5 $\mu$ m	F/2.3	21mm	Bayonet	2, 21
SR0808-A01	50mm	3-5 $\mu$ m	F/2.3	21mm	Bayonet	2, 11, 21
SR2668-A01	50mm	3.4-4.8 $\mu$ m	F/3.25	10mm	c-mount	13, 15, 16
SR0809-A01	100mm	3-5 $\mu$ m	F/2.3	21mm	Bayonet	2, 11, 21
SR2669-A01	100mm	3.4-4.8 $\mu$ m	F/3.25	10mm	c-mount	13, 15, 16
SR2402-A01	200mm	3-5 $\mu$ m	F/2.3	21mm	Bayonet	2, 11, 21
SR1905-A01	27-275mm	3.6-4.9 $\mu$ m	F/5.5	12.3mm	Flange	5, 6, 8, 9, 16
SR2738-A01	27-275mm	3.6-4.9 $\mu$ m	F/5.5	12.3mm	Flange	5, 6, 8, 9, 16
SR2776-A01	15-300mm	3.4-5.0 $\mu$ m	F/4.0	10mm	Flange	5, 6, 8, 9, 16

## LWIR (cooled)

StingRay Part #	Focal Length	Waveband	Speed/F#	Image Dia.	Interface	Features
SR2896-A01	9.7mm	8-12 $\mu$ m	F/2.0	21mm	Bayonet	2, 21
SR0350-A01	25mm	8-12 $\mu$ m	F/2.0	21mm	M80 Thread	2, 21
SR1802-A01	25mm	8-12 $\mu$ m	F/2.0	21mm	Bayonet	2, 11, 21
SR1814-A01	50mm	8-12 $\mu$ m	F/2.0	21mm	Bayonet	2, 11, 21
SR0479-A01	100mm	8-12 $\mu$ m	F/2.0	21mm	M80 Thread	2, 21
SR1924-A01	100mm	8-12 $\mu$ m	F/2.0	21mm	Bayonet	2, 11, 21
<b>SR1927-A01</b>	<b>200mm</b>	<b>8-12<math>\mu</math>m</b>	<b>F/2.0</b>	<b>21mm</b>	<b>Bayonet</b>	<b>2, 11, 21</b>

## LWIR (uncooled)

StingRay Part #	Focal Length	Waveband	Speed/F#	Image Dia.	Interface	Features
SR2160-A01	180°HFOV*	8-12 $\mu$ m	F/1.3	11mm	Custom	2, 18
SR1215-A01	59mm	7-14 $\mu$ m	F/1.27	21mm	M34x0.5mm	13, 15, 16, 17

\*Assuming 11mm image diagonal

\*\*NOTE: All FOV calculations based on corresponding image diameter.

**BOLD: In production and lead-times may vary.**

Please note that there are a number of adapters and filter mounts available for purchase along with our standard lens offerings. In the event that there is not an existing adapter available, StingRay can create a custom piece to match your specifications.

## FEATURES

1. Manual Iris	7. Motorized Filter Wheel	13. Fixed Focus	19. Macro
2. Manual Focus	8. Active Athermalization	14. Fixed Aperture	20. Fully Closed Iris
3. Manual FOV	9. Controller Board	15. Passive Athermalization	21. Focus Lock
4. Motorized Iris	10. Base Plate	16. Ruggedized	22. Catadioptric
5. Motorized Focus	11. Filter Holders	17. DLC Coating	23. Telecentric
6. Motorized FOV	12. Adapters Available	18. Fisheye Style	

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