

Standard MWIR Lens Assemblies

The StingRay VAPIR™ line of lenses are specifically optimized for gas imaging cameras and cores to offer the highest sensitivity (F/1.5) of any commercially available MWIR lens offerings.

Corrected and optimized specifically for the narrowband where gas emissions are observable, standard fixed focal lengths are offered in manual and motorized focus configurations. A lightweight, passively athermalized, fixed focus series ideal for unmanned platforms is also available.

Part Number	Focal Length	Optimized Waveband	F #	Image Diameter	Interface	Features
SR1832-A01	25mm	3.2-3.7μm	F/1.5	20mm	bayonet	2, 21
SR3366-A01	25mm	3.2-3.7μm	F/1.5	20mm	threaded	13, 14, 15, 16
SR3961-A01	50mm	3.2-3.7μm	F/1.5	12.3mm	threaded	13, 14, 15, 16
SR4875-A01	50mm	3.2-3.7μm	F/1.5	12.3mm	bayonet	2, 21
SR1834-A01	100mm	3.2-3.7μm	F/1.5	20mm	bayonet	2, 21

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	

ALL LENSES ARE EAR99

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