We recognize that sensor materials are becoming more and more capable, so lens manufacturers have to pull their weight as well!

The StingRay GhostSight Series™ is a testament to that effort.

A commercially available line of lenses corrected for performance and throughput in both the visible and shortwave spectrums simultaneously, this family of lenses allows users to harvest every available photon that their sensor can detect.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Focal Length</th>
<th>Optimized Waveband</th>
<th>Maximum Aperture</th>
<th>Image Diameter</th>
<th>Interface</th>
<th>Features</th>
</tr>
</thead>
<tbody>
<tr>
<td>SR2534-A01</td>
<td>25mm</td>
<td>0.48-2.5µm</td>
<td>F/1.3</td>
<td>12mm</td>
<td>c-mount</td>
<td>1, 2, 11, 12, 21, 23</td>
</tr>
<tr>
<td>SR2537-A01</td>
<td>25mm</td>
<td>0.48-2.5µm</td>
<td>F/1.3</td>
<td>12mm</td>
<td>c-mount</td>
<td>11, 12, 13, 14, 23</td>
</tr>
<tr>
<td>SR2814-A01</td>
<td>50mm</td>
<td>0.45-1.7µm</td>
<td>F/1.4</td>
<td>21mm</td>
<td>c-mount</td>
<td>1, 2, 11, 12</td>
</tr>
<tr>
<td>SR3529-A01</td>
<td>50mm</td>
<td>0.45-1.7µm</td>
<td>F/1.4</td>
<td>21mm</td>
<td>c-mount</td>
<td>11, 13, 14, 21</td>
</tr>
<tr>
<td>SR2313-A01</td>
<td>100mm</td>
<td>0.45-1.7µm</td>
<td>F/1.5</td>
<td>21mm</td>
<td>c-mount</td>
<td>1, 2, 11, 12</td>
</tr>
<tr>
<td>SR4522-A01</td>
<td>100mm</td>
<td>0.45-1.7µm</td>
<td>F/1.5</td>
<td>21mm</td>
<td>c-mount</td>
<td>11, 13, 14, 21</td>
</tr>
<tr>
<td>SR4042-A01</td>
<td>500mm</td>
<td>0.45-1.7µm</td>
<td>F/8</td>
<td>16.4mm</td>
<td>c-mount</td>
<td>13, 14, 15, 16, 22</td>
</tr>
</tbody>
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1. Manual Iris  
2. Manual Focus  
3. Manual FOV  
4. Motorized Iris  
5. Motorized Focus  
6. Motorized FOV  
7. Motorized Filter Wheel  
8. Active Athermalization  
9. Controller Board  
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11. Filter Holders  
12. Adapters Available  
13. Fixed Focus  
14. Fixed Aperture  
15. Passive Athermalization  
16. Ruggedized  
17. DLC Coating  
18. Fisheye Style  
19. Macro  
20. Fully Closed Iris  
21. Focus Lock  
22. Catadioptric  
23. Telecentric

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KNE_INFO@GandH.com
The StingRay flagship SWIR family is employed by countless end users in a multitude of commercial, research, and defense applications. The Fuchsia Series™ offers unrivaled value as well as a multitude of configurations to choose from. Each focal length is offered in two styles making them suitable for everything from laboratories to fielded environments. Lens accessories such as adapters, extension rings, and filter holders transform our lenses into veritable multi-tools, universally compatible with a wide array of commercially available cameras. Every lens in this series employs SWIR specific materials and coatings, resulting in maximized transmission and chromatic performance that outpaces the rest of the industry's baseline SWIR offerings.

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<tr>
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<tbody>
<tr>
<td>SR2343-A01</td>
<td>25mm</td>
<td>0.9-1.7µm</td>
<td>F/1.4</td>
<td>21mm</td>
<td>c-mount</td>
<td>1, 2, 11, 12, 21</td>
</tr>
<tr>
<td>SR3715-A01</td>
<td>25mm</td>
<td>0.9-1.7µm</td>
<td>F/1.8</td>
<td>21mm</td>
<td>c-mount</td>
<td>2, 21</td>
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<td>SR1596-A01</td>
<td>25mm</td>
<td>0.9-1.7µm</td>
<td>F/1.4</td>
<td>21mm</td>
<td>c-mount</td>
<td>11, 12, 13, 14</td>
</tr>
<tr>
<td>SR2041-A01</td>
<td>75mm</td>
<td>0.7-1.7µm</td>
<td>F/1.4</td>
<td>21mm</td>
<td>c-mount</td>
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</tr>
<tr>
<td>SR3713-A01</td>
<td>13mm</td>
<td>0.9-1.7µm</td>
<td>F/1.4</td>
<td>12.3mm</td>
<td>c-mount</td>
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Always keeping the customers imaging needs in mind, we have identified the demand for an affordable, high performing line of SWIR zoom lenses. Our designers have struck an incredible balance between cost and performance with the StingRay FireAnt Series™.

Achromatically corrected from 0.9-1.7µm and supporting up to 16.7mm format FPA’s, these zooms are compatible with a wide array of commercially available InGaAs cameras. Current options include a 40-400mm F/5.6 in both straight and folded configurations and a few other options available in our Pre-Engineered catalog. Adaptable for power supplies from 12v- 24v. Commands configurable to RS232 or RS422.

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<th>Interface</th>
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</thead>
<tbody>
<tr>
<td>SR1961-A01</td>
<td>40-400mm</td>
<td>0.9-1.7µm</td>
<td>F/5.6</td>
<td>16.7mm</td>
<td>c-mount</td>
<td>5, 6, 9, 16</td>
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<td>SR4153-A01</td>
<td>40-400mm</td>
<td>0.9-1.7µm</td>
<td>F/5.6</td>
<td>16.7mm</td>
<td>c-mount</td>
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