Expanded Capabilities

Navitar’s ScreenStar wide-angle and long-throw conversion lenses sit in front of a projector’s standard lens to increase picture size or throw distance by 20-50%.

These lenses decrease costs by reducing the number of projectors needed for installations, and allowing users to select more basic projectors.

Available Lenses

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
<th>Image Conversion</th>
</tr>
</thead>
<tbody>
<tr>
<td>SSW065</td>
<td>0.65X Wide-angle converter</td>
<td>50% Larger</td>
</tr>
<tr>
<td>SSW08</td>
<td>0.8X Wide-angle converter</td>
<td>25% Smaller</td>
</tr>
<tr>
<td>SST120</td>
<td>1.20X Telephoto converter</td>
<td>17% Smaller</td>
</tr>
<tr>
<td>SST150</td>
<td>1.50X Telephoto converter</td>
<td>33% Smaller</td>
</tr>
<tr>
<td>SST300*</td>
<td>3.00X Telephoto converter</td>
<td>67% Smaller</td>
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<tr>
<td>SSC065</td>
<td>0.65X Mini wide-angle converter</td>
<td>50% Larger</td>
</tr>
<tr>
<td>HDSSW08</td>
<td>0.8X HD Wide-angle converter</td>
<td>25% Larger</td>
</tr>
<tr>
<td>HDSSW065</td>
<td>0.65X HD Wide-angle converter</td>
<td>50% Larger</td>
</tr>
</tbody>
</table>

* Please call for availability.

Mounting Options

Stabilizing Leg
Allows for placement of ScreenStar lens in front of the prime lens of the projector. Included with all models except the SST300.

Table Mount
Permits placement of lens in front of projector for easy adjustment of height and tilt. For all models except the SST300.

Ceiling Mount
ScreenStar ceiling adapter mounts are available directly from Chief Manufacturing or Premier Mounts.

Custom Mounts
For high-volume OEM orders, Navitar’s engineering team can design a custom mount. Please contact us to discuss your needs.

Projector Options
Navitar offers lenses compatible with numerous projector makes and models.

Please contact your sales representative for more information.
Easy Set Up

No matter what image size or throw distance you require, Navitar has a solution.

**NuView Lenses**

**Larger Image**

Wide-angle fixed focal length lenses allow you to:
- Use the projector closer to the screen.
- Produce a larger image at your present working distance.
- Shorten present working distance and increase image back to the original size.

**Smaller Image**

Telephoto conversion lenses allow you to:
- Place projector farther from screen.
- Maintain the same image width.
- Reduce picture size while projecting from the same distance.

**Long Throw Distance**

Long-throw zoom lenses allow you to:
- Increase the working distance and place projector farther away from the screen.
- Choose a variety of projection distances and image sizes by rotating the lens.

**Shorter Throw Distance**

Wide-angle conversion lenses allow you to:
- Increase image size from the same projection distance.
- Keep the same size image while moving projector closer to the screen.

**ScreenStar Lenses**

**Larger Image**

**Smaller Image**

**Long Throw Lens**

Rear projection example.

**Wide-Angle Conversion Lens**

Larger image, same throw distance.

800.828.6778 | info@navitar.com
Partnering with Navitar

Navitar’s ultimate goal is to deliver unsurpassed, personalized optical solutions in a timely, cost-effective manner. Your Navitar team will partner with you from inception to completion, and be available to answer technical questions and offer expertise along the way.

Navitar Offers

- Lifetime Warranty
- Innovative, Cost-Effective Optical Solutions
- 45-Day Evaluation Program
- Personalized Customer Support
- Lenses Compatible with Numerous Projectors

Learn more about us at navitar.com

Exciting Applications

Corporate
Education
Home Theaters
MRI and fMRI
Museums
Planetariums
Praise and Worship
Rental and Staging
Tradeshows and Events
Quick Replacement

Navitar’s NuView lenses replace the projector’s existing prime lens to produce bright, sharp images.

We offer a wide selection of off-the-shelf and custom lenses suited to numerous applications, screen sizes and projection distances.

**NuView Long-Throw Zoom Lenses**
- Increase projection distance and move projector farther from screen.
- Easily choose projection distance and image size by rotating lens.

**NuView Wide-Angle Fixed Focal Lenses**
- Ideal for use in rear screen applications.
- Use for front projection applications to produce much larger images.

**NuView Projection Chart**

Navitar’s long-throw zoom (MCZ) and fixed focal length (MCL) replacement lenses are listed below with focal lengths (mm and inches) and distance-to-width ratios for compatible projector panel sizes.

Full Navitar part numbers include a three-digit projector-specific prefix. Please visit navitar.com or contact your sales representative for a complete list of available lenses.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Focal Length (mm)</th>
<th>Focal Length (inches)</th>
<th>0.7 DLP</th>
<th>0.8 LCD</th>
<th>0.95 DLP</th>
<th>1.2 LCD (1080P)</th>
<th>1.22 LCD (WXGA)</th>
<th>1.3 LCD</th>
<th>1.64 LCD (1080P)</th>
<th>1.8 LCD</th>
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<tbody>
<tr>
<td>Long Throw</td>
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<tr>
<td>MCZ275</td>
<td>50-70</td>
<td>2.0-2.75</td>
<td>3.5-4.9:1</td>
<td>3.0-4.3:1</td>
<td>–</td>
<td>–</td>
<td>–</td>
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<tr>
<td>MCZ500</td>
<td>70-125</td>
<td>2.75-5.0</td>
<td>4.9-8.8:1</td>
<td>4.3-7.7:1</td>
<td>–</td>
<td>2.9-5.1:1</td>
<td>2.7-4.8:1</td>
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<tr>
<td>MCZ125</td>
<td>70-125</td>
<td>2.75-5.0</td>
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<td>–</td>
<td>2.6-4.6:1</td>
<td>1.9-3.39:1</td>
<td>1.9-3.4:1</td>
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<td>MCZ729</td>
<td>115-203</td>
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<td>MCZ537</td>
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<td>4.3-7.4:1</td>
<td>3.1-5.4:1</td>
<td>3.2-5.4:1</td>
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<td>MCZ087</td>
<td>132-220</td>
<td>5.2-8.7</td>
<td>9.3-15.4:1</td>
<td>8.1-13.5:1</td>
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<td>5.4-9.0:1</td>
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<td>5.0-8.3:1</td>
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<td>187-312</td>
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<td>1.2:1</td>
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<td>MCL2125</td>
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<td>MCL1028</td>
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<td>1.0:1</td>
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<td>0.9:1</td>
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<td>MCL012</td>
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<td>2.1:1</td>
<td>0.9:1</td>
<td>1.5:1</td>
<td>1.2:1</td>
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<td>1.2:1</td>
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</tbody>
</table>
Projection Solutions