



# DLM/E Port System Charts for Sony

## PORT OPTIONS

Some lenses have more than one port option. The first column is always the recommended option for the best compromise of imaging quality, performance, and handling with any given lens.

## PRODUCT(S) REQUIRED

Where multiple lines of products are listed for a given option, all products listed are required to make a complete compatible lens port. The DLM 8" Dome Port # 5516.82 may be substituted with the Modular 8" Dome for FL Systems # 5510.45 + DLM Adapter for Modular 8" Dome # 5516.80 in all instances.

## LENSES REFERENCING "+4 DIOPTER REQUIRED"

[Why Your Lens May Need a +4 Diopter Underwater](#)

A +4 diopter is available for purchase through your local camera store, and is commonly sold in a set with +1 and +2 close-up lenses. Common brands include Tiffen and Hoya. Make sure to purchase the correct size for your lens. The thread diameter is usually referenced on the front of the lens in millimeters ( $\varnothing$  58mm, 67mm, etc.). All photos will be out of focus if a +4 diopter is required but not used.

## HELPFUL LINKS

[How to Polish an Acrylic Dome Port](#)

[Dealing with Droplets when Shooting Split Shots](#)

[Why You Need a Fisheye Lens Underwater](#)

[5 Situations Where You Need a Strobe Underwater](#)

# Sony E-Mount Lenses

	OPTION 1 (Recommended)	OPTION 2	OPTION 3
<b>8-15 mm Canon EF f/4L Fisheye USM + Metabones Adapter</b> <a href="#">See Results</a>	<p>The only port option that supports zoom. Use zoom clamp with thinnest set of foam strips. AF Only.</p> <p><b>Product(s) required</b></p> <p><b>5516.16</b> Dome Port <b>5515.12</b> Zoom Gear</p>	<p>Zoom not supported. Lens must be used at a fixed focal length. AF Only.</p> <p><b>Product(s) required</b></p> <p><b>5516.82</b> Dome Port <b>5516.65</b> Extension</p>	
<b>10 mm Venus Optics Laowa f/2.8 Zero-D FF</b> <a href="#">See Installation</a> <a href="#">See First Impressions</a> <a href="#">See Results</a>	<p>Lens shade must be removed. AF only.</p> <p><b>Product(s) required:</b></p> <p><b>5516.82</b> Dome Port <b>5516.65</b> Extension</p> <p><b>Optional accessories:</b></p> <p><b>47141</b> Trim Weight</p>	<p>Edges will be softer compared to longer port options. AF Only.</p> <p><b>Product(s) required:</b></p> <p><b>5516.82</b> Dome Port</p> <p><b>Optional accessories:</b></p> <p><b>47141</b> Trim Weight</p>	
<b>10-17 mm Tokina AT-X f/3.5-4.5 DX Fish-eye + Metabones Adapter</b>	<p>Use zoom clamp without foam strips. AF Only.</p> <p><b>Product(s) required</b></p> <p><b>5516.15</b> Dome Port <b>5509.30</b> Zoom Gear</p>	<p>Zoom not supported. Lens must be used at a fixed focal length. AF Only.</p> <p><b>Product(s) required</b></p> <p><b>5516.82</b> Dome Port <b>5516.65</b> Extension</p> <p><b>Optional accessories:</b></p> <p><b>47141</b> Trim Weight</p>	<p>Zoom not supported. Lens must be used at a fixed focal length. AF Only.</p> <p><b>Product(s) required</b></p> <p><b>5516.11</b> Dome Port <b>5516.65</b> Extension</p>
<b>10-18 mm Sigma f/2.8 DC DN</b>	<p>AF Only.</p> <p><b>Product(s) required</b></p> <p><b>5516.15</b> Dome Port <b>5509.30</b> Zoom Gear</p>	<p>Better for split shots (half-in, half-out of the water). Zoom not supported. Lens must be used at a fixed focal length. AF Only.</p> <p><b>Product(s) required</b></p> <p><b>5516.82</b> Dome Port <b>5516.65</b> Extension</p> <p><b>Optional accessories:</b></p> <p><b>47141</b> Trim Weight</p>	

	OPTION 1 (Recommended)	OPTION 2	OPTION 3
<b>10-20 mm Sony E f/4 PZ G</b> <a href="#">See Installation</a> <a href="#">See Results</a>	<p>Larger radius dome is best for split shots (half-in, half-out of the water). Better edge sharpness compared to smaller diameter dome. Zoom possible with cameras that support power zoom by <a href="#">custom assigning zoom function to the directional pad buttons</a>. Must be used at a fixed focal length with a6600 and other cameras that do not support power zoom (PZ). AF Only.</p> <p><b>Product(s) required</b></p> <p><b>5516.82</b> Dome Port</p> <p><b>Optional accessories:</b></p> <p><b>47141</b> Trim Weight</p>	<p>Compact and lightweight for travel. Zoom possible with cameras that support power zoom by <a href="#">custom assigning zoom function to the directional pad buttons</a>. Must be used at a fixed focal length with a6600 and other cameras that do not support power zoom (PZ). AF Only.</p> <p><b>Product(s) required</b></p> <p><b>5516.12</b> Dome Port</p>	
<b>11 mm Sony f/1.8</b>	<p>Compact for travel. AF Only.</p> <p><b>Product(s) required</b></p> <p><b>5516.11</b> Dome Port</p>	<p>Larger radius dome is best for split shots (half-in, half-out of the water). AF Only.</p> <p><b>Product(s) required</b></p> <p><b>5516.82</b> Dome Port</p>	
<b>14 mm Sony FE f/1.8 GM</b>	<p>Only compatible with housings serial # 80123 and higher. AF Only.</p> <p><b>Product(s) required</b></p> <p><b>5516.82</b> Dome Port  <b>5516.65</b> Extension</p> <p><b>Optional accessories:</b></p> <p><b>47141</b> Trim Weight</p>		
<b>16 mm Sony FE f/1.8 G</b>	<p>Longer zoom port provides better corner sharpness compared to Option 3. AF Only.</p> <p><b>Product(s) required</b></p> <p><b>5516.15</b> Dome Port</p>	<p>Larger radius dome is best for split shots (half-in, half-out of the water). AF Only.</p> <p><b>Product(s) required</b></p> <p><b>5516.82</b> Dome Port  <b>5516.65</b> Extension</p>	<p>Zoom not supported. Lens must be used at a fixed focal length. AF Only.</p> <p><b>Product(s) required</b></p> <p><b>5516.11</b> Dome Port  <b>5516.65</b> Extension</p>

	OPTION 1 (Recommended)	OPTION 2	OPTION 3
<b>16 mm Sony E f/2.8 Pancake</b>	<p>Compact and lightweight for travel. Longer zoom port provides better corner sharpness compared to 5516.11. AF Only.</p> <p><u>Product(s) required</u> <b>5516.12</b> Dome Port</p>	<p>Larger radius dome is best for split shots (half-in, half-out of the water). AF Only.</p> <p><u>Product(s) required</u> <b>5516.82</b> Dome Port</p>	<p>Compact and lightweight for travel. AF Only.</p> <p><u>Product(s) required</u> <b>5516.11</b> Dome Port</p>
<b>16-25 mm Sony FE f/2.8 G</b>	<p>Longer zoom port provides better corner sharpness compared to 5516.16. AF Only.</p> <p><u>Product(s) required</u> <b>5516.17</b> Dome Port <b>5509.31</b> Zoom Gear <b>0923.78</b> Anti-Reflection Ring</p>	<p>AF Only.</p> <p><u>Product(s) required</u> <b>5516.16</b> Dome Port <b>5509.31</b> Zoom Gear <b>0923.78</b> Anti-Reflection Ring</p>	<p>Zoom not supported. Lens must be used at a fixed focal length. AF Only.</p> <p><u>Product(s) required</u> <b>5516.82</b> Dome Port <b>5516.69</b> Extension <b>0923.78</b> Anti-Reflection Ring</p> <p><u>Optional accessories:</u> <b>47141</b> Trim Weight</p>
<b>16-30 mm Tamron f/2.8 Di III VXD G2</b>	<p>Longer zoom port provides better corner sharpness compared to 5516.16. AF Only.</p> <p><u>Product(s) required</u> <b>5516.17</b> Dome Port <b>5509.31</b> Zoom Gear</p>	<p>AF Only.</p> <p><u>Product(s) required</u> <b>5516.16</b> Dome Port <b>5509.31</b> Zoom Gear</p>	<p>Zoom not supported. Lens must be used at a fixed focal length. AF Only.</p> <p><u>Product(s) required</u> <b>5516.82</b> Dome Port <b>5516.70</b> Extension</p> <p><u>Optional accessories:</u> <b>47141</b> Trim Weight</p>

	OPTION 1 (Recommended)	OPTION 2	OPTION 3
<b>16-35 mm Sony FE f/4 PZ</b> <a href="#">See Review</a>	<p>Longer zoom port provides better corner sharpness compared to 5516.16 or 5516.15. AF Only.</p> <p><b>Product(s) required</b></p> <p><b>5516.17</b> Dome Port <b>0923.76</b> Anti-Reflection Ring</p> <p><b>Optional accessories:</b></p> <p><b>5515.45</b> Zoom Gear**</p> <p>** Zooming without the zoom gear is possible with cameras that support power zoom by <a href="#">custom assigning zoom function to the directional pad buttons</a>. Zoom gear required for a6600 and other cameras that do not support power zoom (PZ).</p>	<p>AF Only.</p> <p><b>Product(s) required</b></p> <p><b>5516.16</b> Dome Port <b>0923.76</b> Anti-Reflection Ring</p> <p><b>Optional accessories:</b></p> <p><b>5515.45</b> Zoom Gear**</p> <p>** Zooming without the zoom gear is possible with cameras that support power zoom by <a href="#">custom assigning zoom function to the directional pad buttons</a>. Zoom gear required for a6600 and other cameras that do not support power zoom (PZ).</p>	<p>AF Only.</p> <p><b>Product(s) required</b></p> <p><b>5516.15</b> Dome Port <b>0923.76</b> Anti-Reflection Ring</p> <p><b>Optional accessories:</b></p> <p><b>5515.45</b> Zoom Gear**</p> <p>** Zooming without the zoom gear is possible with cameras that support power zoom by <a href="#">custom assigning zoom function to the directional pad buttons</a>. Zoom gear required for a6600 and other cameras that do not support power zoom (PZ).</p>
<b>16-35 mm Sony f/4 Vario-Tessar T* ZA OSS</b>	<p>Use zoom clamp without foam strips. AF Only.</p> <p><b>Product(s) required</b></p> <p><b>5516.17</b> Dome Port <b>5509.31</b> Zoom Gear <b>0923.72</b> Anti-Reflection Ring</p>		
<b>16-50 mm Sony E f/3.5-5.6 PZ OSS</b> <a href="#">See Installation</a>	<p>AF Only.</p> <p><b>Product(s) required</b></p> <p><b>5516.16</b> Dome Port <b>0923.73</b> Anti-Reflection Ring</p> <p><b>Optional accessories:</b></p> <p><b>5515.29</b> Zoom Gear**</p> <p>** Zooming without the zoom gear is possible with cameras that support power zoom by <a href="#">custom assigning zoom function to the directional pad buttons</a>. Zoom gear required for a6600 and other cameras that do not support power zoom (PZ).</p>	<p>AF Only.</p> <p><b>Product(s) required</b></p> <p><b>5516.15</b> Dome Port <b>0923.73</b> Anti-Reflection Ring</p> <p><b>Optional accessories:</b></p> <p><b>5515.29</b> Zoom Gear**</p> <p>** Zooming without the zoom gear is possible with cameras that support power zoom by <a href="#">custom assigning zoom function to the directional pad buttons</a>. Zoom gear required for a6600 and other cameras that do not support power zoom (PZ).</p>	

	OPTION 1 (Recommended)	OPTION 2	OPTION 3
<b>16-55 mm Sony E f/2.8 G</b>	<p>Must be installed through the port after installing the camera body in the housing. Use zoom clamp without foam strips. We recommend considering the 16-50mm PZ lens instead. AF only.</p> <p><b>Product(s) required:</b></p> <p><b>5516.16</b> Dome Port  <b>5516.65</b> Extension  <b>5509.27</b> Zoom Gear</p>		
<b>17-28 mm Tamron f/2.8 Di III RXD</b>	<p>Thinnest foam strips on zoom clamp. AF Only.</p> <p><b>Product(s) required</b></p> <p><b>5516.16</b> Dome Port  <b>5516.65</b> Extension  <b>5509.28</b> Zoom Gear</p>	<p>Thinnest foam strips on zoom clamp. AF Only.</p> <p><b>Product(s) required</b></p> <p><b>5516.15</b> Dome Port  <b>5516.65</b> Extension  <b>5509.28</b> Zoom Gear</p>	
<b>17-50 mm Tamron f/4 Di III VXD</b>	<p>AF Only.</p> <p><b>Product(s) required</b></p> <p><b>5516.17</b> Dome Port  <b>5516.65</b> Extension  <b>5509.28</b> Zoom Gear</p>		
<b>18-50 mm Sigma DC DN Contemporary</b>	<p>Dome port and lens must be removed before removing camera body from the housing. AF Only.</p> <p><b>Product(s) required</b></p> <p><b>5516.15</b> Dome Port  <b>5509.30</b> Zoom Gear</p>		

	OPTION 1 (Recommended)	OPTION 2	OPTION 3
<b>18-105 mm Sony f/4 G OSS E PZ SELP18105G</b>	<p>Compact and lightweight for travel. <a href="#">Diopter required for focusing</a> behind a dome underwater, but prevents focusing at infinity above the surface. Zoom possible with cameras that support power zoom by <a href="#">custom assigning zoom function to the directional pad buttons</a>. Must be used at a fixed focal length with a6600 and other cameras that do not support power zoom (PZ). AF Only.</p> <p><b>Product(s) required:</b>  <b>+4 Diopter Required</b>  <b>5516.12</b> Dome Port**  <b>5516.70</b> Extension</p>	<p>Larger radius dome is best for split shots (half-in, half-out of the water). <a href="#">Diopter required for focusing</a> behind a dome underwater, but prevents focusing at infinity above the surface. Zoom possible with cameras that support power zoom by <a href="#">custom assigning zoom function to the directional pad buttons</a>. Must be used at a fixed focal length with a6600 and other cameras that do not support power zoom (PZ). AF only.</p> <p><b>Product(s) required:</b>  <b>+4 Diopter Required</b>  <b>5516.82</b> Dome Port**  <b>5516.70</b> Extension</p> <p><b>Optional accessories:</b>  <b>47141</b> Trim Weight  <b>5516.67</b> Extension</p>	<p><b>[Recommended for a6600]</b></p> <p>Compact and lightweight for travel. <a href="#">Diopter required for focusing</a> behind a dome underwater, but prevents focusing at infinity above the surface. This is the only option that allows zoom operation with the a6600 and other cameras that do not support power zoom (PZ). AF only.</p> <p><b>Product(s) required:</b>  <b>+4 Diopter Required</b>  <b>5516.17</b> Dome Port**  <b>5516.65</b> Extension  <b>5509.28</b> Zoom Gear</p>
<b>18-135 mm Sony E f/3.5-5.6 OSS</b>	Information not yet available.		
<b>24 mm Tamron f/2.8 Di III OSD</b>	<p>AF Only.</p> <p><b>Product(s) required</b>  <b>5516.12</b> Dome Port</p>	<p>AF Only.</p> <p><b>Product(s) required</b>  <b>5516.82</b> Dome Port</p> <p><b>Optional accessories:</b>  <b>47141</b> Trim Weight</p>	<p>AF Only.</p> <p><b>Product(s) required</b>  <b>5516.11</b> Dome Port</p>
<b>24-50 mm Sony f/2.8 G</b>	<p>AF only.</p> <p><b>Product(s) required:</b>  <b>5516.16</b> Dome Port  <b>5516.65</b> Extension  <b>5509.28</b> Zoom Gear</p>		

	OPTION 1 (Recommended)	OPTION 2	OPTION 3
<b>28-60 mm Sony FE f/4-5.6</b>	<p>Longer zoom port provides better corner sharpness compared to 5516.16 or 5516.15. <a href="#">Diopter required for focusing</a> behind a dome underwater, but prevents focusing at infinity above the surface. AF only.</p> <p><b>Product(s) required:</b>  <b>+4 Diopter Required</b>  <b>5516.17</b> Dome Port  <b>5515.49</b> Zoom Gear  <b>0923.77</b> Anti-Reflection Ring</p>	<p><a href="#">Diopter required for focusing</a> behind a dome underwater, but prevents focusing at infinity above the surface. AF only.</p> <p><b>Product(s) required:</b>  <b>+4 Diopter Required</b>  <b>5516.16</b> Dome Port  <b>5515.49</b> Zoom Gear  <b>0923.77</b> Anti-Reflection Ring</p>	<p><a href="#">Diopter required for focusing</a> behind a dome underwater, but prevents focusing at infinity above the surface. AF only.</p> <p><b>Product(s) required:</b>  <b>+4 Diopter Required</b>  <b>5516.15</b> Dome Port  <b>5515.49</b> Zoom Gear  <b>0923.77</b> Anti-Reflection Ring</p>
<b>50 mm Sony FE f/2.8 Macro</b>	<p>AF Only.</p> <p><b>Product(s) required</b>  <b>5516.45</b> Flat Port  <b>5516.65</b> Extension</p>	<p>AF Only.</p> <p><b>Product(s) required</b>  <b>5516.50</b> Flat Port  <b>5516.65</b> Extension</p>	<p>AF Only.</p> <p><b>Product(s) required</b>  <b>5516.51</b> Flat Port  <b>5516.65</b> Extension</p>
<b>90 mm Sony FE f/2.8 Macro G OSS</b> <a href="#">See Review</a> <a href="#">See Results</a>	<p>AF Only.</p> <p><b>Product(s) required</b>  <b>5516.51</b> Flat Port  <b>5516.67</b> Extension</p>	<p>AF Only.</p> <p><b>Product(s) required</b>  <b>5516.50</b> Flat Port  <b>5516.69</b> Extension</p>	
<b>90 mm Tamron f/2.8 Di III VXD</b>	<p>AF only.</p> <p><b>Product(s) required:</b>  <b>5516.50</b> Flat Port  <b>5516.65</b> Extension</p>	<p>AF only.</p> <p><b>Product(s) required:</b>  <b>5516.51</b> Flat Port  <b>5516.67</b> Extension</p>	
<b>100 mm Sony FE f/2.8 Macro GM</b>	<p>Focus ring locks prevents accidentally changing from AF to MF during installation. AF only.</p> <p><b>Product(s) required:</b>  <b>5516.51</b> Flat Port  <b>5516.70</b> Extension  <b>5509.75</b> Focus Ring Lock</p>		
<b>105 mm Sigma f/2.8 DG DN Macro Art</b>	<p>AF only.</p> <p><b>Product(s) required:</b>  <b>5516.50</b> Flat Port  <b>5516.69</b> Extension</p>		

