



# DL (Dry Lock) Port System Charts for Sony Alpha Series Cameras

## **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.

## **LENSES REFERENCING “+4 DIOPTER REQUIRED”**

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.

# Sony E-Mount Lenses

	OPTION 1 (Recommended)	OPTION 2	OPTION 3
<b>8 mm Rokinon Fisheye</b>	Not recommended due to extreme vignetting.		
<b>8-15 mm Canon EF f/4L Fisheye USM</b> <b>+ Metabones Canon EF Lens to Sony E Mount T Smart Adapter (Mark IV)</b> or <b>Sigma MC-11 Adapter</b>  <i>Tripod foot must be removed from adapter.</i>	Lens shade must be removed. Dome shade must be removed to eliminate vignetting. AF only.  <b>Product(s) required:</b> <b>75340</b> Dome Port <b>75020</b> Extension <b>5509.28</b> Zoom Gear		
<b>10-18 mm Sony E f/4 OSS</b>	AF only.  <b>Product(s) required:</b> <b>75340</b> Dome <b>5509.28</b> Zoom Gear		
<b>12 mm Carl Zeiss Touit 2.8/12</b>	Dome shade must be removed to eliminate vignetting. AF only.  <b>Product(s) required:</b> <b>75340</b> Dome Port <b>75020</b> Extension		
<b>12 mm Rokinon f/2.8 Full Frame Fisheye + Metabones Canon EF Lens to Sony E Mount T Smart Adapter (Mark IV)</b> or <b>Sigma MC-11 Adapter</b>  <i>Tripod foot must be removed from Metabones adapter.</i>	Port recommendation not available.		

	OPTION 1 (Recommended)	OPTION 2	OPTION 3
<b>12-24 mm Sony f/4 FE G</b>	<p>Compared to shorter ports, this option puts the lens element closest to the center of the dome sphere for optimal sharpness. Larger dome is best for split shots (half-in, half-out of the water). AF only.</p> <p><b>Product(s) required:</b>  <b>75340</b> Dome Port  <b>75050</b> Extension  <b>5509.32</b> Zoom Gear</p>	<p>Larger dome is best for split shots (half-in, half-out of the water). AF only.</p> <p><b>Product(s) required:</b>  <b>75340</b> Dome Port  <b>75020</b> Extension  <b>5509.32</b> Zoom Gear</p>	
<b>15 mm Sigma f/2.8 EX DG Diagonal Fisheye + Metabones Canon EF Lens to Sony E Mount T Smart Adapter (Mark IV) or Sigma MC-11 Adapter</b>  <i>Tripod foot must be removed from adapter.</i>	<p>AF only.</p> <p><b>Product(s) required:</b>  <b>75340</b> Dome Port</p>		
<b>16 mm Sigma f/1.4 DC DN</b>	<p>Compared to shorter ports, this option puts the lens element closest to the center of the dome sphere for optimal sharpness. AF only.</p> <p><b>Product(s) required:</b>  <b>75340</b> Dome Port  <b>75042</b> Extension</p>	<p>AF only.</p> <p><b>Product(s) required:</b>  <b>75340</b> Dome Port  <b>75028</b> Extension</p>	<p>AF only.</p> <p><b>Product(s) required:</b>  <b>75340</b> Dome Port</p>
<b>16 mm Sony E f/2.8 Pancake</b>	<p>Vignetting (dark shadows in the corners of the image) will be present. AF only.</p> <p><b>Product(s) required:</b>  <b>75340</b> Dome</p>		
<b>16 mm Sony E f/2.8 Pancake + Fisheye Converter VLC-ECF1</b>	<p>AF only.</p> <p><b>Product(s) required:</b>  <b>75340</b> Dome</p>		

	OPTION 1 (Recommended)	OPTION 2	OPTION 3
<b>16 mm Sony E f/2.8 Pancake + Ultra Wide Converter VLC-ECU1</b>	AF only. <u>Product(s) required:</u> <b>75340</b> Dome		
<b>16-35 mm Sony FE f/2.8 GM</b>	Larger dome is best for split shots (half-in, half-out of the water). AF only. <u>Product(s) required:</u> <b>75340</b> Dome Port <b>75028</b> Extension <b>75050</b> Extension <b>5509.16</b> Zoom Gear	Compact and lightweight for travel. Better for close focus wide angle. AF only. <u>Product(s) required:</u> <b>75344</b> Dome Port <b>75028</b> Extension <b>75050</b> Extension <b>5509.16</b> Zoom Gear	
<b>16-35 mm Sony FE f/4 ZA OSS Vario Tessar T*</b>	Superior edge sharpness compared to shorter ports. Larger dome is best for split shots (half-in, half-out of the water). AF only. <u>Product(s) required:</u> <b>75340</b> Dome Port <b>75042</b> Extension <b>5509.25</b> Zoom Gear	Compact and lightweight for travel. Better for close focus wide angle. AF only. <u>Product(s) required:</u> <b>75344</b> Dome Port <b>75042</b> Extension <b>5509.25</b> Zoom Gear	Larger dome is best for split shots (half-in, half-out of the water). AF only. <u>Product(s) required:</u> <b>75340</b> Dome Port <b>5509.25</b> Zoom Gear
<b>16-35 mm Canon EF f/2.8L II USM + Metabones Canon EF Lens to Sony E Mount T Smart Adapter (Mark IV) or Sigma MC-11 Adapter</b>  <i>Tripod foot must be removed from Metabones adapter.</i>	Larger dome is best for split shots (half-in, half-out of the water). AF only. <u>Product(s) required:</u> <b>75340</b> Dome Port <b>75042</b> Extension <b>75050</b> Extension <b>5509.28</b> Zoom Gear  <u>Optional accessories:</u> <b>0923.04</b> Anti-Reflection Ring	Compact and lightweight for travel. Better for close focus wide angle. AF only. <u>Product(s) required:</u> <b>75344</b> Dome Port <b>75042</b> Extension <b>75050</b> Extension <b>5509.28</b> Zoom Gear  <u>Optional accessories:</u> <b>0923.04</b> Anti-Reflection Ring	
<b>16-35 mm Canon EF f/2.8L III USM + Metabones Canon EF Lens to Sony E Mount T Smart Adapter (Mark IV) or Sigma MC-11 Adapter</b>  <i>Tripod foot must be removed from Metabones adapter.</i>	Port recommendation not available.		

	OPTION 1 (Recommended)	OPTION 2	OPTION 3
<b>16-35 mm Canon EF f/4L USM + Metabones Canon EF Lens to Sony E Mount T Smart Adapter (Mark IV)</b>  <i>Tripod foot must be removed from Metabones adapter.</i>	<p>Larger 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>75340</b> Dome Port  <b>75042</b> Extension  <b>75050</b> Extension  <b>5509.28</b> Zoom Gear</p> <p><b>Optional accessories:</b></p> <p><b>0923.01</b> Anti-Reflection Ring</p>	<p>Compact and lightweight for travel. Better for close focus wide angle. AF only.</p> <p><b>Product(s) required:</b></p> <p><b>75344</b> Dome Port  <b>75042</b> Extension  <b>75050</b> Extension  <b>5509.28</b> Zoom Gear</p> <p><b>Optional accessories:</b></p> <p><b>0923.01</b> Anti-Reflection Ring</p>	
<b>16-50 mm Sony E f/3.5-5.6 PZ OSS</b>	Port recommendation not available.		
<b>16-70 mm Sony E f/4 ZA OSS Vario-Tessar T*</b>	Port recommendation not available.		
<b>17-40mm Canon f/4.0L EF USM + Metabones Canon EF Lens to Sony E Mount T Smart Adapter (Mark IV)</b>  <i>Tripod foot must be removed from adapter.</i>	<p>Larger 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>75340</b> Dome Port  <b>75020</b> Extension  <b>75050</b> Extension  <b>5509.28</b> Zoom Gear</p> <p><b>Optional accessories:</b></p> <p><b>0923.02</b> Anti-Reflection Ring</p>	<p>Compact and lightweight for travel. Better for close focus wide angle. AF only.</p> <p><b>Product(s) required:</b></p> <p><b>75344</b> Dome Port  <b>75020</b> Extension  <b>75050</b> Extension  <b>5509.28</b> Zoom Gear</p> <p><b>Optional accessories:</b></p> <p><b>0923.02</b> Anti-Reflection Ring</p>	
<b>18 mm Zeiss Batis f/2.8</b>	<p>Larger dome is best for split shots (half-in, half-out of the water). Compared to shorter ports, this option puts the lens element closest to the center of the dome sphere for optimal sharpness. AF only.</p> <p><b>Product(s) required:</b></p> <p><b>75340</b> Dome Port  <b>75028</b> Extension</p>	<p>Compact and lightweight for travel. Better for close focus wide angle. AF only.</p> <p><b>Product(s) required:</b></p> <p><b>75344</b> Dome Port  <b>75028</b> Extension</p>	<p>Larger 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>75340</b> Dome Port</p>

	OPTION 1 (Recommended)	OPTION 2	OPTION 3
18-105 mm Sony E PZ f/4 G OSS 18-200 mm Sony E f/3.5-6.3 OSS 18-200 mm Sony E f/3.5-6.3 OSS LE	Port recommendation not available.		
20 mm Sony E f/2.8	AF only. <b>Product(s) required:</b> 75340 Dome Port		
24 mm Sigma f/1.4 DG HSM Art + Metabones Canon EF Lens to Sony E Mount T Smart Adapter (Mark IV)  <i>Tripod foot must be removed from adapter.</i>	AF only. <b>Product(s) required:</b> 75340 Dome Port 75028 Extension		
24-70 mm Sony FE f/2.8 GM	AF only. <b>Product(s) required:</b> <b>+4 Diopter Required</b> 75340 Dome Port 75028 Extension 75050 Extension 5509.34 Zoom Gear		
24-70 mm Sony FE f/4 ZA OSS Carl Zeiss Vario Tessar T*	AF only. <b>Product(s) required:</b> <b>+4 Diopter Required</b> 75340 Dome Port 75028 Extension 5509.28 Zoom Gear		

	OPTION 1 (Recommended)	OPTION 2	OPTION 3
<b>24-105 mm Sony FE f/4 G OSS</b>	AF only. <b>Product(s) required:</b> <b>+4 Diopter Required</b> <b>75340</b> Dome Port <b>75020</b> Extension <b>75050</b> Extension <b>5509.16</b> Zoom Gear		
<b>24-240 mm Sony FE f/3.5-6.3 OSS</b>	Lens not recommended due to zoom range.		
<b>25 mm Zeiss Batis f/2</b>	AF only. <b>Product(s) required:</b> <b>75340</b> Dome Port		
<b>28 mm Sony FE f/2</b>	Superior edge sharpness compared to shorter ports. Larger dome is best for split shots (half-in, half-out of the water). AF only. <b>Product(s) required:</b> <b>75340</b> Dome Port <b>75028</b> Extension	Compact and lightweight for travel. Better for close focus wide angle. AF only. <b>Product(s) required:</b> <b>75344</b> Dome Port <b>75042</b> Extension	Larger dome is best for split shots (half-in, half-out of the water). AF only. <b>Product(s) required:</b> <b>75340</b> Dome Port
<b>28 mm Sony FE f/2 + 16mm Fisheye Conversion Lens</b> SEL057FEC	AF only. <b>Product(s) required:</b> <b>75340</b> Dome Port <b>75028</b> Extension		
<b>28 mm Sony FE f/2 + Ultra Wide Converter</b> SEL075UWC	Larger dome is best for split shots (half-in, half-out of the water). AF only. <b>Product(s) required:</b> <b>75340</b> Dome Port <b>75028</b> Extension	Compact and lightweight for travel. Better for close focus wide angle. AF only. <b>Product(s) required:</b> <b>75344</b> Dome Port <b>75042</b> Extension	

	OPTION 1 (Recommended)	OPTION 2	OPTION 3
<b>28-70 mm Sony FE f/3.5-5.6 OSS</b>	<p>Superior edge sharpness compared to shorter ports. Larger dome is best for split shots (half-in, half-out of the water). AF only.</p> <p><b>Product(s) required:</b>  <b>+4 Diopter Required</b>  <b>75340</b> Dome Port  <b>75042</b> Extension  <b>5509.28</b> Zoom Gear</p>	<p>Compact and lightweight for travel. Better for close focus wide angle. AF only.</p> <p><b>Product(s) required:</b>  <b>+4 Diopter Required</b>  <b>75344</b> Dome Port  <b>75050</b> Extension  <b>5509.28</b> Zoom Gear</p>	<p>Larger dome is best for split shots (half-in, half-out of the water). AF only.</p> <p><b>Product(s) required:</b>  <b>+4 Diopter Required</b>  <b>75340</b> Dome Port  <b>5509.28</b> Zoom Gear</p>
<b>28-135 mm Sony FE PZ f/4 G OSS</b>	Lens not supported due to size.		
<b>30 mm Sony E f/3.5 Macro</b>	<p>AF only.</p> <p><b>Product(s) required:</b>  <b>75301</b> Flat Port</p>		
<b>35 mm Sony E f/1.8 OSS</b> <b>35 mm Sony FE f/2.8 ZA Carl Zeiss Sonnar T*</b>	<p>AF only.</p> <p><b>Product(s) required:</b>  <b>75340</b> Dome Port</p>	<p>AF only.</p> <p><b>Product(s) required:</b>  <b>75301</b> Flat Port</p>	
<b>35 mm Sony FE f/1.4 ZA Distagon T*</b>	<p>Reduced angle of coverage underwater. AF only.</p> <p><b>Product(s) required:</b>  <b>75340</b> Dome Port  <b>75042</b> Extension</p>	<p>Large dome is better for split shots (half-in, half-out of the water). Full angle of coverage underwater. AF only.</p> <p><b>Product(s) required:</b>  <b>75301</b> Flat Port  <b>75042</b> Extension</p>	
<b>50 mm Sony f/1.8 FE</b>	<p>AF or MF.</p> <p><b>Product(s) required:</b>  <b>75301</b> Flat Port  <b>75020</b> Extension</p> <p><b>Optional accessories:</b>  <b>5509.27</b> Focus Gear</p>		



	OPTION 1 (Recommended)	OPTION 2	OPTION 3
<b>50 mm Sony E f/1.8 OSS</b>	<p>AF or MF.</p> <p><b>Product(s) required:</b> 75301 Flat Port</p> <p><b>Optional accessories:</b> 5509.27 Focus Gear</p>		
<b>50 mm Sony f/2.8 Macro</b>	<p>AF or MF.</p> <p><b>Product(s) required:</b> 75301 Flat Port 75028 Extension</p> <p><b>Optional accessories:</b> 5509.28 Focus Gear</p>		
<b>55 mm Sony FE f/1.8 ZA Carl Zeiss Sonnar T*</b>	<p>AF only.</p> <p><b>Product(s) required:</b> 75301 Flat Port</p>		
<b>55-210 mm Sony E f/4.5-6.3 OSS 70-200 mm Sony FE f/4 G OSS</b>	<p>Lens not recommended due to zoom range and minimum focus distance 1m (39.37").</p>		
<b>85 mm Sony FE f/1.4 GM</b>	<p>Suitable for use above the surface of the water. Lens not recommended for use underwater. AF only.</p> <p><b>Product(s) required:</b> 75301 Flat Port 75042 Extension</p>		
<b>85 mm Sony FE f/1.8</b>	<p>Suitable for use above the surface of the water. Lens not recommended for use underwater. AF only.</p> <p><b>Product(s) required:</b> 75301 Flat Port 75020 Extension</p>		
<b>90 mm Sony FE f/2.8 Macro G OSS</b>	<p>AF only.</p> <p><b>Product(s) required:</b> 75301 Flat Port 75020 Extension 75042 Extension</p>		

	OPTION 1 (Recommended)	OPTION 2	OPTION 3
<p><b>100 mm Canon f/2.8 EF USM Macro (non-IS) + Metabones Canon EF Lens to Sony E Mount T Smart Adapter (Mark IV) or Sigma MC-11 Adapter</b></p> <p><i>Tripod foot must be removed from adapter.</i></p>	<p>AF only.</p> <p><b>Product(s) required:</b></p> <p><b>75301</b> Flat Front  <b>75020</b> Extension  <b>75050</b> Extension</p>		
<p><b>100 mm Canon f/2.8L EF IS USM Macro + Metabones Canon EF Lens to Sony E Mount T Smart Adapter (Mark IV) or Sigma MC-11 Adapter</b></p> <p><i>Tripod foot must be removed from adapter.</i></p>	<p>AF only.</p> <p><b>Product(s) required:</b></p> <p><b>75301</b> Flat Front  <b>75020</b> Extension  <b>75050</b> Extension</p>		