



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 (\emptyset 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 |
|---|---|---|----------|
| 8 mm Rokinon Fisheye | Not recommended due to extreme vignetting. | | |
| 8-15 mm Canon EF f/4L Fisheye USM + Metabones Canon EF Lens to Sony E Mount T Smart Adapter (Mark IV) or Sigma MC-11 Adapter <i>Tripod foot must be removed from adapter.</i> | Lens shade must be removed. Dome shade must be removed to eliminate vignetting. AF only. Product(s) required: 75340 Dome Port 75020 Extension 5509.28 Zoom Gear | Lens shade must be removed. Dome shade must be removed to eliminate vignetting. AF only. Product(s) required: 75348 Dome Port 75028 Extension 5509.28 Zoom Gear | |
| 10-18 mm Sony E f/4 OSS | AF only. Product(s) required: 75340 Dome 5509.28 Zoom Gear | | |
| 11-18 mm Tokina f/2.8 | Compact and lightweight for travel. Better for close focus wide angle. AF only. Product(s) required: 75348 Dome Port 5509.28 Zoom Gear | Larger dome is best for split shots (half-in, half-out of the water). May have slightly better edge sharpness compared to compact dome. AF only. Product(s) required: 75340 Dome Port 5509.28 Zoom Gear | |

| | OPTION 1 (Recommended) | OPTION 2 | OPTION 3 |
|--|---|--|----------|
| 11-20 mm Tamron f/2.8 Di III-A RXD | <p>Compact and lightweight for travel. Better for close focus wide angle. May use alternative extension as short as 37mm with some negative effect on edge sharpness. Use thinnest foam strips with zoom clamp. AF only.</p> <p>Product(s) required: 75344 Dome Port 75050 Extension 5509.29 Zoom Gear</p> | <p>Larger dome is best for split shots (half-in, half-out of the water). May have slightly better edge sharpness compared to compact dome. May use alternative extension as short as 28mm with some negative effect on edge sharpness. Use thinnest foam strips with zoom clamp. AF only.</p> <p>Product(s) required: 75340 Dome Port 75042 Extension 5509.29 Zoom Gear</p> | |
| 12 mm Carl Zeiss Touit 2.8/12 | <p>Dome shade must be removed to eliminate vignetting. AF only.</p> <p>Product(s) required: 75340 Dome Port 75020 Extension</p> | | |
| 12 mm Rokinon f/2.8 Full Frame Fisheye + Metabones Canon EF Lens to Sony E Mount T Smart Adapter (Mark IV) or Sigma MC-11 Adapter <i>Tripod foot must be removed from Metabones adapter.</i> | <p>Port recommendation not available.</p> | | |
| 12-24 mm Sony f/2.8 FE GM | <p>AF only.</p> <p>Product(s) required: 75340 Dome Port 75037 Extension 5509.41 Zoom Gear</p> | <p>Compact 8" dome port is not recommended due to vignetting.</p> | |

| | OPTION 1 (Recommended) | OPTION 2 | OPTION 3 |
|---------------------------------------|---|---|----------|
| 12-24 mm Sony f/4 FE G | <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>Product(s) required: 75340 Dome Port 75050 Extension 5509.32 Zoom Gear</p> | <p>AF only.</p> <p>Product(s) required: 75340 Dome Port 75020 Extension 5509.32 Zoom Gear</p> | |
| 14 mm Sony f/1.8 GM | <p>Larger dome is best for split shots (half-in, half-out of the water). AF only.</p> <p>Product(s) required: 75340 Dome Port 75020 Extension</p> | <p>Compact and lightweight for travel. Better for close focus wide angle. AF only.</p> <p>Product(s) required: 75344 Dome Port 75037 Extension</p> | |
| 14 mm Samyang f/2.8 AF FE Art | <p>AF only.</p> <p>Product(s) required: 75340 Dome Port 75020 Extension</p> | | |
| 14 mm Sigma f/1.8 DG HSM Art | <p>AF only.</p> <p>Product(s) required: 75340 Dome Port 75050 Extension</p> | | |
| 14-24 mm Sigma f/2.8 DG DN Art | <p>AF only.</p> <p>Product(s) required: 75340 Dome Port 75020 Extension 75042 Extension 5509.26 Zoom Gear</p> | | |

| | OPTION 1 (Recommended) | OPTION 2 | OPTION 3 |
|--|--|--|---|
| 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 <i>Tripod foot must be removed from adapter.</i> | AF only. <u>Product(s) required:</u> 75340 Dome Port | | |
| 16 mm Sigma f/1.4 DC DN | Compared to shorter ports, this option puts the lens element closest to the center of the dome sphere for optimal sharpness. AF only. <u>Product(s) required:</u> 75340 Dome Port 75042 Extension | AF only. <u>Product(s) required:</u> 75340 Dome Port 75028 Extension | AF only. <u>Product(s) required:</u> 75340 Dome Port |
| 16 mm Sony E f/2.8 Pancake | Vignetting (dark shadows in the corners of the image) will be present. AF only. <u>Product(s) required:</u> 75340 Dome | | |
| 16 mm Sony E f/2.8 Pancake + Fisheye Converter VLC-ECF1 | AF only. <u>Product(s) required:</u> 75340 Dome | | |
| 16 mm Sony E f/2.8 Pancake + Ultra Wide Converter VLC-ECU1 | AF only. <u>Product(s) required:</u> 75340 Dome | | |
| 16-28 mm Sigma f/2.8 DG DN | Larger dome is best for split shots (half-in, half-out of the water). AF only. <u>Product(s) required:</u> 75340 Dome Port 75028 Extension 5509.28 Zoom Gear | Compact and lightweight for travel. Better for close focus wide angle. AF only. <u>Product(s) required:</u> 75344 Dome Port 75028 Extension 5509.28 Zoom Gear | |

| | OPTION 1 (Recommended) | OPTION 2 | OPTION 3 |
|--|--|--|---|
| 16-35 mm Sony FE f/2.8 GM | <p>Larger dome is best for split shots (half-in, half-out of the water). AF only.</p> <p>Product(s) required: 75340 Dome Port 75028 Extension 75050 Extension 5509.16 Zoom Gear</p> <p>Optional accessories: 0923.74 Anti-Reflection Ring</p> | <p>Compact and lightweight for travel. Better for close focus wide angle. AF only.</p> <p>Product(s) required: 75344 Dome Port 75028 Extension 75050 Extension 5509.16 Zoom Gear</p> <p>Optional accessories: 0923.74 Anti-Reflection Ring</p> | |
| 16-35 mm Sony FE f/4 G PZ | <p>AF only.</p> <p>Product(s) required: 75340 Dome Port 75020 Extension 5509.16 Zoom Gear</p> | | |
| 16-35 mm Sony FE f/4 ZA OSS Vario Tessar T* | <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>Product(s) required: 75340 Dome Port 75042 Extension 5509.25 Zoom Gear</p> <p>Optional accessories: 0923.72 Anti-Reflection Ring</p> | <p>Compact and lightweight for travel. Better for close focus wide angle. AF only.</p> <p>Product(s) required: 75344 Dome Port 75042 Extension 5509.25 Zoom Gear</p> <p>Optional accessories: 0923.72 Anti-Reflection Ring</p> | <p>Larger dome is best for split shots (half-in, half-out of the water). AF only.</p> <p>Product(s) required: 75340 Dome Port 5509.25 Zoom Gear</p> <p>Optional accessories: 0923.72 Anti-Reflection Ring</p> |
| <p>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</p> <p><i>Tripod foot must be removed from Metabones adapter.</i></p> | <p>Larger dome is best for split shots (half-in, half-out of the water). AF only.</p> <p>Product(s) required: 75340 Dome Port 75042 Extension 75050 Extension 5509.28 Zoom Gear</p> <p>Optional accessories: 0923.04 Anti-Reflection Ring</p> | <p>Compact and lightweight for travel. Better for close focus wide angle. AF only.</p> <p>Product(s) required: 75344 Dome Port 75042 Extension 75050 Extension 5509.28 Zoom Gear</p> <p>Optional accessories: 0923.04 Anti-Reflection Ring</p> | |

| | OPTION 1 (Recommended) | OPTION 2 | OPTION 3 |
|--|---|--|----------|
| 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 <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>Product(s) required: 75340 Dome Port (2) 75050 Extensions 5509.12 Zoom Gear</p> <p>Optional accessories: 0923.05 Anti-Reflection Ring</p> | <p>Compact and lightweight for travel. Better for close focus wide angle. AF only.</p> <p>Product(s) required: 75344 Dome Port (2) 75050 Extensions 5509.12 Zoom Gear</p> <p>Optional accessories: 0923.05 Anti-Reflection Ring</p> | |
| 16-35 mm Canon EF f/4L USM + Metabones Canon EF Lens to Sony E Mount T Smart Adapter (Mark IV) <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>Product(s) required: 75340 Dome Port 75042 Extension 75050 Extension 5509.28 Zoom Gear</p> <p>Optional accessories: 0923.01 Anti-Reflection Ring</p> | <p>Compact and lightweight for travel. Better for close focus wide angle. AF only.</p> <p>Product(s) required: 75344 Dome Port 75042 Extension 75050 Extension 5509.28 Zoom Gear</p> <p>Optional accessories: 0923.01 Anti-Reflection Ring</p> | |
| 16-50 mm Sony E f/3.5-5.6 PZ OSS | Port recommendation not available. | | |
| 16-70 mm Sony E f/4 ZA OSS Vario-Tessar T* | Port recommendation not available. | | |
| 17-28 mm Tamron f/2.8 Di III RXD E-Mount | <p>Larger dome is best for split shots (half-in, half-out of the water). AF only.</p> <p>Product(s) required: 75340 Dome Port 75050 Extension 5509.29 Zoom Gear</p> | <p>Compact and lightweight for travel. Better for close focus wide angle. AF only.</p> <p>Product(s) required: 75344 Dome Port 75028 Extension 75037 Extension 5509.29 Zoom Gear</p> | |

| | OPTION 1 (Recommended) | OPTION 2 | OPTION 3 |
|---|--|--|---|
| 17-40 mm Canon f/4.0L EF USM + Metabones Canon EF Lens to Sony E Mount T Smart Adapter (Mark IV) <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>Product(s) required:</p> <p>75340 Dome Port 75020 Extension 75050 Extension 5509.28 Zoom Gear</p> <p>Optional accessories:</p> <p>0923.02 Anti-Reflection Ring</p> | <p>Compact and lightweight for travel. Better for close focus wide angle. AF only.</p> <p>Product(s) required:</p> <p>75344 Dome Port 75020 Extension 75050 Extension 5509.28 Zoom Gear</p> <p>Optional accessories:</p> <p>0923.02 Anti-Reflection Ring</p> | |
| 18 mm Zeiss Batis f/2.8 | <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>Product(s) required:</p> <p>75340 Dome Port 75028 Extension</p> <p>Optional accessories:</p> <p>0923.82 Anti-Reflection Ring</p> | <p>Compact and lightweight for travel. Better for close focus wide angle. AF only.</p> <p>Product(s) required:</p> <p>75344 Dome Port 75028 Extension</p> <p>Optional accessories:</p> <p>0923.82 Anti-Reflection Ring</p> | <p>Larger dome is best for split shots (half-in, half-out of the water). AF only.</p> <p>Product(s) required:</p> <p>75340 Dome Port</p> <p>Optional accessories:</p> <p>0923.82 Anti-Reflection Ring</p> |
| 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 | <p>Port recommendation not available.</p> | | |
| 20 mm Sony FE f/1.8 G | <p>Compact and lightweight for travel. Better for close focus wide angle. AF only.</p> <p>Product(s) required:</p> <p>75344 Dome Port 75028 Extension</p> | <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>Product(s) required:</p> <p>75340 Dome Port 75020 Extension</p> | <p>Larger dome is best for split shots (half-in, half-out of the water). AF only.</p> <p>Product(s) required:</p> <p>75340 Dome Port</p> |

| | OPTION 1 (Recommended) | OPTION 2 | OPTION 3 |
|---|--|--|----------|
| 20 mm Sony E f/2.8 | AF only. <u>Product(s) required:</u> 75340 Dome Port | | |
| 24 mm Sony FE f/1.4 GM | Larger dome is best for split shots (half-in, half-out of the water). AF only. <u>Product(s) required:</u> 75340 Dome Port 75028 Extension | Compact and lightweight for travel. Better for close focus wide angle. AF only. <u>Product(s) required:</u> 75348 Dome Port 75028 Extension | |
| 24 mm Samyang f/2.8 AF FE | AF or MF. Manual focus requires optional focus gear. <u>Product(s) required:</u> 75340 Dome Port <u>Optional accessories:</u> 5509.27 Focus Gear | | |
| 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. <u>Product(s) required:</u> 75340 Dome Port 75028 Extension | | |
| 24-70 mm Sigma f/2.8 DG DN Art | Compared to shorter ports, this option puts the lens element closest to the center of the dome sphere for optimal sharpness. AF only. <u>Product(s) required:</u> 75340 Dome Port 75020 Extension 75050 Extension 5509.35 Zoom Gear | AF only. <u>Product(s) required:</u> 75340 Dome Port 75050 Extension 5509.35 Zoom Gear | |

| | OPTION 1 (Recommended) | OPTION 2 | OPTION 3 |
|---|---|---|----------|
| 24-70 mm Sony FE f/2.8 GM | AF only. <u>Product(s) required:</u> +4 Diopter Required 75340 Dome Port 75028 Extension 75050 Extension 5509.34 Zoom Gear | | |
| 24-70 mm Sony FE f/2.8 GM II | AF only. <u>Product(s) required:</u> 75340 Dome Port 75028 Extension 75042 Extension 5509.44 Zoom Gear | AF only. <u>Product(s) required:</u> 75340 Dome Port 75020 Extension 75050 Extension 5509.44 Zoom Gear | |
| 24-70 mm Sony FE f/4 ZA OSS Carl Zeiss Vario Tessar T* | AF only. <u>Product(s) required:</u> +4 Diopter Required 75340 Dome Port 75028 Extension 5509.28 Zoom Gear | | |
| 24-105 mm Sony FE f/4 G OSS | AF only. <u>Product(s) required:</u> +4 Diopter Required 75340 Dome Port 75020 Extension 75050 Extension 5509.16 Zoom Gear | | |
| 24-240 mm Sony FE f/3.5-6.3 OSS | Lens not recommended due to zoom range. | | |
| 25 mm Zeiss Batis f/2 | AF only. <u>Product(s) required:</u> 75340 Dome Port | | |

| | OPTION 1 (Recommended) | OPTION 2 | OPTION 3 |
|--|--|--|---|
| 28 mm Sony FE f/2 | <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>Product(s) required: 75340 Dome Port 75028 Extension</p> | <p>Compact and lightweight for travel. Better for close focus wide angle. AF only.</p> <p>Product(s) required: 75344 Dome Port 75042 Extension</p> | <p>Larger dome is best for split shots (half-in, half-out of the water). AF only.</p> <p>Product(s) required: 75340 Dome Port</p> |
| 28 mm Sony FE f/2 + 16mm Fisheye Conversion Lens SEL057FEC | <p>AF only.</p> <p>Product(s) required: 75340 Dome Port 75028 Extension</p> | | |
| 28 mm Sony FE f/2 + Ultra Wide Converter SEL075UWC | <p>Larger dome is best for split shots (half-in, half-out of the water). AF only.</p> <p>Product(s) required: 75340 Dome Port 75028 Extension</p> | <p>Compact and lightweight for travel. Better for close focus wide angle. AF only.</p> <p>Product(s) required: 75344 Dome Port 75042 Extension</p> | |
| 28-70 mm Sony FE f/3.5-5.6 OSS | <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>Product(s) required: +4 Diopter Required 75340 Dome Port 75042 Extension 5509.28 Zoom Gear</p> | <p>Compact and lightweight for travel. Better for close focus wide angle. AF only.</p> <p>Product(s) required: +4 Diopter Required 75344 Dome Port 75050 Extension 5509.28 Zoom Gear</p> | <p>Larger dome is best for split shots (half-in, half-out of the water). AF only.</p> <p>Product(s) required: +4 Diopter Required 75340 Dome Port 5509.28 Zoom Gear</p> |
| 28-75 mm Tamron f/2.8 Di III VXD G2 | <p>AF only.</p> <p>Product(s) required: 75340 Dome Port 75042 Extension 5509.71 Zoom Gear 5509.1 Rubber Set</p> | | |
| 28-135 mm Sony FE PZ f/4 G OSS | <p>Lens not supported due to size.</p> | | |

| | OPTION 1 (Recommended) | OPTION 2 | OPTION 3 |
|---|---|---|---|
| 30 mm Sony E f/3.5 Macro | AF only. <u>Product(s) required:</u> 75301 Flat Port | | |
| 35 mm Sony FE f/1.4 GM | Compact and lightweight with better handling. Full angle of coverage underwater. AF only. <u>Product(s) required:</u> 75344 Dome Port 75028 Extension | Full angle of coverage underwater. AF only. <u>Product(s) required:</u> 75340 Dome Port 75020 Extension | |
| 35 mm Sony FE f/1.4 ZA Distagon T* | Large dome is better for split shots (half-in, half-out of the water). Full angle of coverage underwater. AF only. <u>Product(s) required:</u> 75340 Dome Port 75042 Extension | Reduced angle of coverage underwater. AF only. <u>Product(s) required:</u> 75301 Flat Port 75042 Extension | |
| 35 mm Sony E f/1.8 OSS 35 mm Sony FE f/1.8 35 mm Sony FE f/2.8 ZA Carl Zeiss Sonnar T* | Compact and lightweight with better handling. Full angle of coverage underwater. AF only. <u>Product(s) required:</u> 75344 Dome Port | Full angle of coverage underwater. AF only. <u>Product(s) required:</u> 75340 Dome Port | Reduced angle of coverage underwater. AF only. <u>Product(s) required:</u> 75301 Flat Port |
| 50 mm Sony FE f/1.2 GM | Reduced angle of coverage underwater. AF only. <u>Product(s) required:</u> 75301 Flat Port 75037 Extension | Compact and lightweight for travel. Full angle of coverage underwater. Diopter required when shooting underwater. AF only. <u>Product(s) required:</u> +4 Diopter Required 75340 Dome Port 75042 Extension | Full angle of coverage underwater. Diopter required when shooting underwater. AF only. <u>Product(s) required:</u> +4 Diopter Required 75340 Dome Port |

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

| | OPTION 1 (Recommended) | OPTION 2 | OPTION 3 |
|---|--|--|----------|
| 85 mm Sony FE f/1.8 | <p>Suitable for use above the surface of the water. Lens not recommended for use underwater. AF only.</p> <p>Product(s) required:</p> <p>75301 Flat Port 75020 Extension</p> | | |
| 90 mm Sony FE f/2.8 Macro G OSS | <p>This shorter combination is needed when using macro wet lenses attached to the front of the port. AF only.</p> <p>Product(s) required:</p> <p>75301 Flat Port 75020 Extension 75042 Extension</p> | <p>AF only.</p> <p>Product(s) required:</p> <p>75301 Flat Port 75028 Extension 75050 Extension</p> | |
| <p>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</p> <p><i>Tripod foot must be removed from adapter.</i></p> | <p>AF only.</p> <p>Product(s) required:</p> <p>75301 Flat Front 75020 Extension 75050 Extension</p> | | |
| <p>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</p> <p><i>Tripod foot must be removed from adapter.</i></p> | <p>AF only.</p> <p>Product(s) required:</p> <p>75301 Flat Front 75020 Extension 75050 Extension</p> | | |
| 135 mm Sony FE f/1.8 GM | <p>This lens is too large to be used in the DL port system.</p> | | |