



DL (Dry Lock) Port System Charts for Nikon Z-Mount Mirrorless 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 (ø 58mm, 67mm, etc.). All photos will be out of focus if a +4 diopter is required but not used.

Nikon Z-mount Lenses

	OPTION 1 (Recommended)	OPTION 2	OPTION 3
8-15 mm Nikon f/3.5-4.5E ED Fisheye + Nikon Mount Adapter FTZ	<p>Larger dome is best for split shots (half-in, half-out of the water). Superior edge sharpness compared to shorter port option. Dome shade must be removed to eliminate vignetting (dark shadows around the edges of the image). Zoom gear may alternatively be used to manually focus.</p> <p>Product(s) required:</p> <p>75340 Dome Port 75020 Extension 5509.28 Zoom (or Focus) Gear</p>	<p>Compact and lightweight for travel. Better for close focus wide angle. Lens shade must be removed. Dome shade must be removed to eliminate vignetting (dark shadows around the edges of the image). Zoom gear may alternatively be used to manually focus.</p> <p>Product(s) required:</p> <p>75344 Dome Port 75028 Extension 5509.28 Zoom (or Focus) Gear</p>	<p>Larger dome is best for split shots (half-in, half-out of the water). Dome shade must be removed to eliminate vignetting (dark shadows around the edges of the image). A longer port is recommended for better edge sharpness. Zoom gear may alternatively be used to manually focus.</p> <p>Product(s) required:</p> <p>75340 Dome Port 5509.28 Zoom (or Focus) Gear</p>
10.5 mm Nikon AF DX f/2.8 G ED Fisheye + Nikon Mount Adapter FTZ	<p>Some vignetting (dark shadows in the corners of the image) will be present.</p> <p>Product(s) required:</p> <p>75340 Dome Port</p>		
12-28 mm Nikon Z DX f/3.5-5.6 PZ VR	<p>Larger dome is best for split shots (half-in, half-out of the water). Zoom gear may alternatively be used to manually focus.</p> <p>Product(s) required:</p> <p>75340 Dome Port 5509.28 Zoom (or Focus) Gear</p> <p>Optional accessories:</p> <p>0923.35 Anti-Reflection Ring 47140 Trim Weight</p>	<p>Compact and lightweight for travel. Better for close focus wide angle. Zoom gear may alternatively be used to manually focus.</p> <p>Product(s) required:</p> <p>75344 Dome Port 5509.28 Zoom (or Focus) Gear</p> <p>Optional accessories:</p> <p>0923.35 Anti-Reflection Ring</p>	<p>A flat port has a magnifying effect underwater. Slight vignetting (dark shadows around the edges of the image) will be present. Zoom gear may alternatively be used to manually focus.</p> <p>Product(s) required:</p> <p>75303 Flat Port 5509.28 Zoom (or Focus) Gear</p> <p>Optional accessories:</p> <p>0923.35 Anti-Reflection Ring</p>

	OPTION 1 (Recommended)	OPTION 2	OPTION 3
14-24 mm Nikon Z f/2.8 S	<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 75050 Extension 5509.43 Zoom Gear</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 75050 Extension 5509.43 Zoom Gear</p>	
14-24 mm Nikon f/2.8G ED + Nikon Mount Adapter FTZ	<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 75028 Extension 75050 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:</p> <p>75344 Dome Port 75028 Extension 75050 Extension 5509.28 Zoom Gear</p>	
14-24 mm Sigma f/2.8 DG HSM A	<p>Zoom not supported. Lens must be pre-set and used at a fixed focal length. AF only.</p> <p>Product(s) required:</p> <p>75340 Dome Port 75020 Extension 75050 Extension</p>		
14-30 mm Nikon Z f/4 S	<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 75050 Extension 5509.31 Zoom Gear</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 75050 Extension 5509.31 Zoom Gear</p>	
15mm Sigma f/2.8 EX DG Diagonal Fisheye + Nikon Mount Adapter FTZ	<p>MF only.</p> <p>Product(s) required:</p> <p>75340 Dome Port 5509.28 Focus Gear</p>		

	OPTION 1 (Recommended)	OPTION 2	OPTION 3
16-35 mm Nikon f/4G ED VR + Nikon Mount Adapter FTZ	<p>Larger dome is best for split shots (half-in, half-out of the water). Trim weight set recommended. AF only.</p> <p>Product(s) required:</p> <p>75340 Dome Port 75042 Extension 75050 Extension 5509.28 Zoom Gear</p>	<p>Compact and lightweight for travel. Better for close focus wide angle. Trim weight set recommended. AF only.</p> <p>Product(s) required:</p> <p>75344 Dome Port 75042 Extension 75050 Extension 5509.28 Zoom Gear</p>	
16-50 mm Nikon Z f/3.5-6.3 DX VR	<p>Compact and lightweight for travel. Better for close focus wide angle. AF only.</p> <p>Product(s) required:</p> <p>75344 Dome Port 5509.27 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:</p> <p>75340 Dome Port 5509.27 Zoom Gear</p>	
17-35 mm Nikon f/2.8D ED-IF AF-S + Nikon Mount Adapter FTZ	<p>Larger dome is best for split shots (half-in, half-out of the water). Trim weight set recommended. AF only.</p> <p>Product(s) required:</p> <p>75340 Dome Port 75028 Extension 75050 Extension 5509.28 Zoom Gear</p>	<p>Compact and lightweight for travel. Better for close focus wide angle. Trim weight set recommended. AF only.</p> <p>Product(s) required:</p> <p>75344 Dome Port 75028 Extension 75050 Extension 5509.28 Zoom Gear</p>	
17-28 mm Nikon Z f/2.8	<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 5509.28 Zoom Gear</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 5509.28 Zoom Gear</p>	
18-35 mm Nikon f/3.5-4.5G ED + Nikon Mount Adapter FTZ	<p>Larger dome is best for split shots (half-in, half-out of the water). Trim weight set recommended. AF only.</p> <p>Product(s) required:</p> <p>75340 Dome Port 75020 Extension 75042 Extension 5509.27 Zoom Gear</p>	<p>Compact and lightweight for travel. Better for close focus wide angle. Trim weight set recommended. AF only.</p> <p>Product(s) required:</p> <p>75344 Dome Port 75020 Extension 75042 Extension 5509.27 Zoom Gear</p>	

	OPTION 1 (Recommended)	OPTION 2	OPTION 3
18-105 mm Nikon AF-S DX f/3.5-5.6G ED VR + Nikon Mount Adapter FTZ	<p>Superior edge sharpness compared to shorter port option. AF only.</p> <p><u>Product(s) required:</u></p> <p>+4 Diopter Required 75340 Dome Port 75028 Extension 75050 Extension 5509.71 Zoom Gear</p>	<p>A longer port is recommended for better edge sharpness. AF only.</p> <p><u>Product(s) required:</u></p> <p>+4 Diopter Required 75340 Dome Port 75042 Extension 5509.71 Zoom Gear</p>	
20 mm Nikon Z f/1.8 S	<p>Larger dome is best for split shots (half-in, half-out of the water). AF only.</p> <p><u>Product(s) required:</u></p> <p>75340 Dome Port 75037 Extension</p>	<p>Compact and lightweight for travel. Better for close focus wide angle. AF only.</p> <p><u>Product(s) required:</u></p> <p>75344 Dome Port 75037 Extension</p>	
24 mm Nikon Z f/1.8 S	<p>Superior edge sharpness compared to shorter port option. AF only.</p> <p><u>Product(s) required:</u></p> <p>75340 Dome Port 75020 Extension</p>	<p>Compact and lightweight for travel. Better for close focus wide angle. AF only.</p> <p><u>Product(s) required:</u></p> <p>75344 Dome Port 75020 Extension</p>	<p>A longer port is recommended for better edge sharpness. AF only.</p> <p><u>Product(s) required:</u></p> <p>75340 Dome Port</p>
24-70 mm Nikon Z f/2.8 S	<p>AF only.</p> <p><u>Product(s) required:</u></p> <p>+4 Diopter Required 75340 Dome Port 75020 Extension 75050 Extension 5509.32 Zoom Gear</p> <p><u>Optional accessories:</u></p> <p>0923.33 Anti-Reflection Ring</p>		
24-70 mm Nikon Z f/4 S	<p>Compact and lightweight for travel. AF only.</p> <p><u>Product(s) required:</u></p> <p>75344 Dome Port (2) 75028 Extensions 5509.28 Zoom Gear</p>	<p>Larger dome is best for split shots (half-in, half-out of the water). AF only.</p> <p><u>Product(s) required:</u></p> <p>75340 Dome Port 75050 Extension 5509.28 Zoom Gear</p>	

	OPTION 1 (Recommended)	OPTION 2	OPTION 3
28-75 mm Nikon Z f/2.8	<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 75037 Extension 5509.28 Zoom Gear</p>		
35 mm Nikon Z f/1.8 S	<p>AF only.</p> <p>Product(s) required:</p> <p>75301 Flat Port 75042 Extension</p>	<p>Compact and lightweight for travel. AF only.</p> <p>Product(s) required:</p> <p>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:</p> <p>75340 Dome Port</p>
50 mm Nikon Z f/1.8 S	<p>The magnifying effect of a flat port is good for macro photography. The front of the port is 67mm threaded and accepts 3" diameter filters. AF only.</p> <p>Product(s) required:</p> <p>75301 Flat Port 75042 Extension</p>	<p>Provides the full angle of coverage underwater. Compact and lightweight for travel. +4 diopter is required for this lens to focus underwater behind a dome port. Lens will not focus at infinity above water with a diopter attached. AF only.</p> <p>Product(s) required:</p> <p>+4 Diopter Required 75344 Dome Port 75042 Extension</p>	<p>Provides the full angle of coverage underwater. +4 diopter is required for this lens to focus underwater behind a dome port. Lens will not focus at infinity above water with a diopter attached. AF only.</p> <p>Product(s) required:</p> <p>+4 Diopter Required 75340 Dome Port</p>
60 mm Nikon AF-S f/2.8G ED + Nikon Mount Adapter FTZ	<p>AF only.</p> <p>Product(s) required:</p> <p>75301 Flat Port 75028 Extension</p>		
70 mm Sigma f/2.8 DG Macro Art + Nikon Mount Adapter FTZ	<p>AF only.</p> <p>Product(s) required:</p> <p>75301 Flat Port (2) 75042 Extensions</p>		

	OPTION 1 (Recommended)	OPTION 2	OPTION 3
105 mm Nikon Z MC f/2.8 VR S	<p>Recommended if using external wet diopters for super-macro. AF only.</p> <p><u>Product(s) required:</u></p> <p>75301 Flat Port 75020 Extension 75028 Extension</p>	<p>Approximately 1/8" gap between the front of the lens and the back of the port glass. AF only.</p> <p><u>Product(s) required:</u></p> <p>75301 Flat Port 75050 Extension</p>	
105 mm Nikon AF-S f/2.8G IF-ED VR + Nikon Mount Adapter FTZ	<p>AF only.</p> <p><u>Product(s) required:</u></p> <p>75301 Flat Port 75020 Extension 75042 Extension</p>		
105 mm Sigma f/2.8 EX DG OS HSM Macro + Nikon Mount Adapter FTZ	<p>AF only.</p> <p><u>Product(s) required:</u></p> <p>75301 Flat Port (2) 75037 Extensions</p>		