



# 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 ( $\varnothing$  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
<b>8-15 mm Nikon f/3.5-4.5E ED Fisheye + Nikon Mount Adapter FTZ</b>	<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><b>Product(s) required:</b>  <b>75340</b> Dome Port  <b>75020</b> Extension  <b>5509.28</b> 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><b>Product(s) required:</b>  <b>75344</b> Dome Port  <b>75028</b> Extension  <b>5509.28</b> 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><b>Product(s) required:</b>  <b>75340</b> Dome Port  <b>5509.28</b> Zoom (or Focus) Gear</p>
<b>10.5 mm Nikon AF DX f/2.8 G ED Fisheye + Nikon Mount Adapter FTZ</b>	<p>Some vignetting (dark shadows in the corners of the image) will be present.</p> <p><b>Product(s) required:</b>  <b>75340</b> Dome Port</p>		
<b>14-24 mm Nikon Z f/2.8 S</b>	<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>75050</b> Extension  <b>5509.43</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>75344</b> Dome Port  <b>75050</b> Extension  <b>5509.43</b> Zoom Gear</p>	
<b>14-24 mm Nikon f/2.8G ED + Nikon Mount Adapter FTZ</b>	<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>75028</b> Extension  <b>75050</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>75344</b> Dome Port  <b>75028</b> Extension  <b>75050</b> Extension  <b>5509.28</b> Zoom Gear</p>	

	OPTION 1 (Recommended)	OPTION 2	OPTION 3
<b>14-24 mm Sigma f/2.8 DG HSM   A</b>	<p>Zoom not supported. Lens must be pre-set and used at a fixed focal length. AF only.</p> <p><b>Product(s) required:</b></p> <p><b>75340</b> Dome Port <b>75020</b> Extension <b>75050</b> Extension</p>		
<b>14-30 mm Nikon Z f/4 S</b>	<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>75050</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></p> <p><b>75344</b> Dome Port <b>75050</b> Extension <b>5509.28</b> Zoom Gear</p>	
<b>15mm Sigma f/2.8 EX DG Diagonal Fisheye + Nikon Mount Adapter FTZ</b>	<p>MF only.</p> <p><b>Product(s) required:</b></p> <p><b>75340</b> Dome Port <b>5509.28</b> Focus Gear</p>		
<b>16-35 mm Nikon f/4G ED VR + Nikon Mount Adapter FTZ</b>	<p>Larger dome is best for split shots (half-in, half-out of the water). Trim weight set recommended. 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>Compact and lightweight for travel. Better for close focus wide angle. Trim weight set recommended. 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>	
<b>16-50 mm Nikon Z f/3.5-6.3 DX VR</b>	<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>5509.27</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></p> <p><b>75340</b> Dome Port <b>5509.27</b> Zoom Gear</p>	

	OPTION 1 (Recommended)	OPTION 2	OPTION 3
<b>17-35 mm Nikon f/2.8D ED-IF AF-S + Nikon Mount Adapter FTZ</b>	<p>Larger dome is best for split shots (half-in, half-out of the water). Trim weight set recommended. AF only.</p> <p><b>Product(s) required:</b></p> <p><b>75340</b> Dome Port <b>75028</b> Extension <b>75050</b> Extension <b>5509.28</b> Zoom Gear</p>	<p>Compact and lightweight for travel. Better for close focus wide angle. Trim weight set recommended. AF only.</p> <p><b>Product(s) required:</b></p> <p><b>75344</b> Dome Port <b>75028</b> Extension <b>75050</b> Extension <b>5509.28</b> Zoom Gear</p>	
<b>18-35 mm Nikon f/3.5-4.5G ED + Nikon Mount Adapter FTZ</b>	<p>Larger dome is best for split shots (half-in, half-out of the water). Trim weight set recommended. AF only.</p> <p><b>Product(s) required:</b></p> <p><b>75340</b> Dome Port <b>75020</b> Extension <b>75042</b> Extension <b>5509.27</b> Zoom Gear</p>	<p>Compact and lightweight for travel. Better for close focus wide angle. Trim weight set recommended. AF only.</p> <p><b>Product(s) required:</b></p> <p><b>75344</b> Dome Port <b>75020</b> Extension <b>75042</b> Extension <b>5509.27</b> Zoom Gear</p>	
<b>18-105 mm Nikon AF-S DX f/3.5-5.6G ED VR + Nikon Mount Adapter FTZ</b>	<p>Superior edge sharpness compared to shorter port option. AF only.</p> <p><b>Product(s) required:</b></p> <p><b>+4 Diopter Required</b> <b>75340</b> Dome Port <b>75028</b> Extension <b>75050</b> Extension <b>5509.71</b> Zoom Gear</p>	<p>A longer port is recommended for better edge sharpness. AF only.</p> <p><b>Product(s) required:</b></p> <p><b>+4 Diopter Required</b> <b>75340</b> Dome Port <b>75042</b> Extension <b>5509.71</b> Zoom Gear</p>	
<b>20 mm Nikon Z f/1.8 S</b>	<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>75037</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>75037</b> Extension</p>	
<b>24 mm Nikon Z f/1.8 S</b>	<p>Superior edge sharpness compared to shorter port option. AF only.</p> <p><b>Product(s) required:</b></p> <p><b>75340</b> Dome Port <b>75020</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>75020</b> Extension</p>	<p>A longer port is recommended for better edge sharpness. AF only.</p> <p><b>Product(s) required:</b></p> <p><b>75340</b> Dome Port</p>

	OPTION 1 (Recommended)	OPTION 2	OPTION 3
24-70 mm Nikon Z f/2.8 S	<p>AF only.</p> <p><b>Product(s) required:</b></p> <p><b>+4 Diopter Required</b>  <b>75340</b> Dome Port  <b>75020</b> Extension  <b>75050</b> Extension  <b>5509.32</b> Zoom Gear</p> <p><b>Optional accessories:</b></p> <p><b>0923.33</b> Anti-Reflection Ring</p>		
24-70 mm Nikon Z f/4 S	<p>Compact and lightweight for travel. AF only.</p> <p><b>Product(s) required:</b></p> <p><b>75344</b> Dome Port  <b>(2) 75028</b> Extensions  <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></p> <p><b>75340</b> Dome Port  <b>75050</b> Extension  <b>5509.28</b> Zoom Gear</p>	
35 mm Nikon Z f/1.8 S	<p>AF only.</p> <p><b>Product(s) required:</b></p> <p><b>75301</b> Flat Port  <b>75042</b> Extension</p>	<p>Compact and lightweight for travel. AF only.</p> <p><b>Product(s) required:</b></p> <p><b>75344</b> Dome Port  <b>75042</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>
50 mm Nikon Z f/1.8 S	<p>AF only.</p> <p><b>Product(s) required:</b></p> <p><b>75301</b> Flat Port  <b>75042</b> Extension</p>	<p>Compact and lightweight for travel. AF only.</p> <p><b>Product(s) required:</b></p> <p><b>+4 Diopter Required</b>  <b>75344</b> Dome Port  <b>75042</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>+4 Diopter Required</b>  <b>75340</b> Dome Port</p>
60 mm Nikon AF-S f/2.8G ED + Nikon Mount Adapter FTZ	<p>AF only.</p> <p><b>Product(s) required:</b></p> <p><b>75301</b> Flat Port  <b>75028</b> Extension</p>		
70 mm Sigma f/2.8 DG Macro Art + Nikon Mount Adapter FTZ	<p>AF only.</p> <p><b>Product(s) required:</b></p> <p><b>75301</b> Flat Port  <b>(2) 75042</b> Extensions</p>		

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