



N120 PORT SYSTEM FOR NIKON ZR CAMERA SYSTEM
(FX Format Lens)

	CAMERA LENS	GEAR	PORT ADAPTOR / EXTENSION RING	EXTENSION RING / PORT CONVERTER	PORT	MOUNT CONVERTER	WET LENS	OPTICAL PERFORMANCE
MACRO FX	Nikkor Z MC 105mm f/2.8 VR S Macro	19231 (V3) Z105-FII (V3)	22125 N120 Extension Ring 25 II		18708 Macro Port 80	SMC/CMC Option 1 - M67 Thread 81228 M67 Spacer Ring for SMC/CMC <i>(included in all SMC/CMC packaging)</i>	81202 SMC - 2	Max. Magnification 3.6X Working Distance 22-38mm
							81203 SMC - 3	Max. Magnification 2.3X Working Distance 46-98mm
						SMC/CMC Option 2 - Bayonet Mount 83250 + 83214 M67 to Bayonet Mount Converter II + Bayonet Mount Adaptor for SMC/CMC	81501 MFO-1	Max. Magnification 1.1X Working Distance 108-1005mm
							81503 MFO-3	Max. Magnification 0.9X Working Distance 0-1500mm Lens FOV 23° Converted FOV 38°
						83250 M67 to Bayonet Mount Converter II	87302 EMWL Set #2	Lens FOV 23° Converted FOV 60°/100°/130°/160°
STANDARD ZOOM FX	Nikkor Z 24-50mm f/4-6.3 Lens	19232 (V3) / 19233 (V3) Z2450-ZII (V3) / Z2850-ZII with limitor ring (V3)	22125 N120 Extension Ring 25 II		★ 85206 N120/N100 WACP - 1B			
				21330 N120 to N100 Port Converter	85205 N100 WACP - C			Lens FOV 75-47° Converted FOV 130-81° Zoom Range 28-50mm
					18707 N120 Macro Port 6	83250 M67 to Bayonet Mount Converter II	83202 WWL-1B	
					85207 N120/N100 FCP - 1		Lens FOV 75-47° Converted FOV 170-87° Zoom Range 28-50mm	
			22140 N120 Extension Ring 40 II	★ 18809 180mm Optical Glass Wide Angle Port				
			22150 N120 Extension Ring 50 II	18802 8.5" Acrylic Dome Port				
				18812 230mm Optical Glass Wide Angle Port II				
			22125 N120 Extension Ring 25 II	18707 N120 Macro Port 6	SMC/CMC Option 1 - M67 Thread 81228 M67 Spacer Ring for SMC/CMC <i>(included in all SMC/CMC packaging)</i>	81301 CMC - 1	Max. Magnification 0.9X Working Distance 49-75mm	
			SMC/CMC Option 2 - Bayonet Mount 83250 + 83214 M67 to Bayonet Mount Converter II + Bayonet Mount Adaptor for SMC/CMC					
				83250 M67 to Bayonet Mount Converter II	83203 WWL-C	Lens FOV 84-47° Converted FOV 130-72°		
	Nikkor Z 24-70mm f/2.8 S II Lens	19236 (V3) Z2470II-ZII (V3)	22180 N120 Extension Ring 80 II	★ 85206 N120/N100 WACP - 1B			Lens FOV 75-34° Converted FOV 130-59° Zoom Range 28-70mm	
				21376 N120 to N100 75.5mm Port Adaptor	85205 N100 WACP - C			
				22155 N120 Extension Ring 55 II	85204 N120 WACP - 2		Lens FOV 84- 34° Converted FOV 98-40° Zoom Range 24-70mm	
				22190 N120 Extension Ring 90 II	85207 N120/N100 FCP - 1		Lens FOV 75-34° Converted FOV 170 -62° Zoom Range 28-70mm <i>* slight vignetting at 28mm</i>	
				18802 8.5" Acrylic Dome Port				
		★ 18809 180mm Optical Glass Wide Angle Port						
			18812 230mm Optical Glass Wide Angle Port II					
WIDE ANGLE FX	Nikkor Z 14-24mm f/2.8 S	19234 (V3) Z1424-ZII (V3)	22135 N120 Extension Ring 35 II	85204 N120 WACP - 2 <i>* This setup is only compatible with WACP-2 before SN:A526311</i>			Lens FOV 114-87° Converted FOV 140-98°	
				85204 N120 WACP - 2 <i>* This setup is only compatible with WACP-2 SN:A526311 onwards</i>				
				22160 N120 Extension Ring 60 II	18809 180mm Optical Glass Wide Angle Port			
				22180 N120 Extension Ring 80 II	18802 8.5" Acrylic Dome Port			
					★ 18812 230mm Optical Glass Wide Angle Port II			
			22160 N120 Extension Ring 60 II	18809 180mm Optical Glass Wide Angle Port				
	Nikkor Z 14-30mm f/4 S	19235 (V3) Z1430-ZII (V3)	22125 N120 Extension Ring 25 II	85204 N120 WACP - 2		Lens FOV 114-72° Converted FOV 140-81°		
				22160 N120 Extension Ring 60 II	18809 180mm Optical Glass Wide Angle Port			
					85207 N120/N100 FCP - 1	Lens FOV 75-72° Converted FOV 170-158° Zoom Range 28-30mm		
					Circular Fisheye (remove shade) Converted FOV 180° Zoom Range at 14mm only			
		22170 N120 Extension Ring 70 II	18802 8.5" Acrylic Dome Port					
			★ 18812 230mm Optical Glass Wide Angle Port II					
NIKON Z-MOUNT	Z-Mount Lenses on N120 Nikon Z-mount (for Z7II/Z8/Z9)	N120 Nikon Z-Mount Gears (V1 Version Gears recommended)	22225 N120 FTZ Adaptor ER 25 with Knob	N120 Nikon Z-Mount Port System (for Z7II/Z8/Z9)				
NIKON F-MOUNT	Nikon F-mount Lenses with Nikon Adaptor FTZ II <i>Full AF/AE supported only when using FX or DX AF-S type G/D/E, AF-P type G/E, AF-I type D lenses and AF-S/AF-I Teleconverters</i>	N120 Nikon F-Mount Gears	22225 N120 FTZ Adaptor ER 25 with Knob	N120 Nikon F-Mount Port System				

Max. Magnification is the maximum ratio that a subject can be reproduced on a camera’s image sensor (APS-C - 22.3 x 15mm, Full Frame - 36 x 24mm) at the closest working distance.

Working distance operates from the distance between the subject and the front element of the close-up lens.

- ★ Recommended Nauticam underwater optics based on best underwater optical performance
- ★ Recommended Port System

Last Updated : 2025-10-24

* This port chart is subject to updating as new information becomes available