



N120 PORT SYSTEM FOR NIKON Z-MOUNT CAMERA SYSTEM (Z7II/Z8/Z9)

(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 50mm f/2.8 Macro			21110 N120 Extension Ring 10	18706 Macro Port 12 <i>* This setup is only compatible with 18706 before SN:A524910</i>	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 Working Distance	1.6X 8-64mm				
				22110 N120 Extension Ring 10 II	18706 Macro Port 12 <i>* This setup is only compatible with 18706 SN:A524910 onwards</i>	SMC/CMC Option 2 - Bayonet Mount 83250 + 83214 M67 to Bayonet Mount Converter II + Bayonet Mount Adaptor for SMC/CMC	81302 CMC - 2	Max. Magnification Working Distance	1.4X 16-109mm				
	Nikkor Z MC 105mm f/2.8 VR S Macro	19161 (V1) / 19200 (V2) NZ105VR-F (V1) / Z105VR-F (V2)			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 Working Distance	3.6X 22-38mm				
						SMC/CMC Option 2 - Bayonet Mount 83250 + 83214 M67 to Bayonet Mount Converter II + Bayonet Mount Adaptor for SMC/CMC	81203 SMC - 3	Max. Magnification Working Distance	2.3X 46-98mm				
				22120 N120 Extension Ring 20 II	18701 Macro port 60	83250 M67 to Bayonet Mount Converter II	81501 MFO-1	Max. Magnification Working Distance	1.1X 108-1005mm				
							81503 MFO-3	Max. Magnification Working Distance Lens FOV Converted FOV	0.9X 0-1500mm 23° 38°				
							87302 EMWL Set #2	Lens FOV Converted FOV	23° 60°/100°/130°/160°				
STANDARD ZOOM FX	Nikkor Z 24-50mm f/4-6.3 Lens	19165 (V1) / 192xx (V2) NZ2850-Z with limitor ring (V1) / Z2850-Z with limitor ring (V2)	21330 N120 to N100 Port Converter		85206 N120/N100 WACP - 1B				Lens FOV Converted FOV Zoom Range	75-47° 130-81° 28-50mm			
					85205 N100 WACP - C								
					18707 N120 Macro Port 6						83250 M67 to Bayonet Mount Converter II	83202 WWL-1B	
					85207 N120/N100 FCP - 1						Lens FOV Converted FOV Zoom Range	75-47° 170-87° 28-50mm	
		19163 (V1) / 19201 (V2) NZ2450-Z (V1) / Z2450-Z (V2)	22120 N120 Extension Ring 20 II	22130 N120 Extension Ring 30 II		18809 180mm Optical Glass Wide Angle Port							
						88802 8.5" Acrylic Dome Port							
						18812 230mm Optical Glass Wide Angle Port 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
							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 Converted FOV	84-47° 130-72°				
	Nikkor Z 24-70mm f/2.8 S Lens	19157 (V1) NZ2470f2.8S-Z (V1)	22170 N120 Extension Ring 70 II			18802 8.5" Acrylic Dome Port							
						18809 180mm Optical Glass Wide Angle Port							
					18812 230mm Optical Glass Wide Angle Port II								
Nikkor Z 24-70mm f/2.8 S II Lens	19166 (V1) NZ2470II-Z (V1)	22155 N120 Extension Ring 55 II	21351 N120 to N100 50.5mm Port Adaptor		85206 N120/N100 WACP - 1B				Lens FOV Converted FOV Zoom Range	75-34° 130-59° 28-70mm			
					85205 N100 WACP - C								
				22130 N120 Extension Ring 30 II	22135 N120 Extension Ring 35 II						85207 N120/N100 FCP - 1	Lens FOV Converted FOV Zoom Range	75-34° 170-62° 28-70mm
											85204 N120 WACP - 2	Lens FOV Converted FOV Zoom Range	84- 34° 98-40° 24-70mm
				22180 N120 Extension Ring 80 II	18802 8.5" Acrylic Dome Port								
					18809 180mm Optical Glass Wide Angle Port								
					18812 230mm Optical Glass Wide Angle Port II								
Nikkor Z 24-70mm f/4 S Lens	19154 (V1) / 19204 (V2) NZ2470-Z (V1) / Z2470-Z (V2)	22120 N120 Extension Ring 20 II	21320 N120 to N100 20mm Port Adaptor		85206 N120/N100 WACP - 1B				Lens FOV Converted FOV Zoom Range	75-70° 130-121° 28-32mm			
					85205 N100 WACP - C								
				22140 N120 Extension Ring 40 II	18802 8.5" Acrylic Dome Port						18809 180mm Optical Glass Wide Angle Port		
												18812 230mm Optical Glass Wide Angle Port II	
Nikkor Z 28-75mm f/2.8 Lens	19162 (V1) NZ2875-Z (V1)	22135 N120 Extension Ring 35 II	22180 N120 Extension Ring 80 II		85206 N120/N100 WACP - 1B				Lens FOV Converted FOV Zoom Range	75-48° 130-83° 28-48mm			
					18802 8.5" Acrylic Dome Port								
					18809 180mm Optical Glass Wide Angle Port								
					18812 230mm Optical Glass Wide Angle Port II								
		22170 N120 Extension Ring 70 II		18815 250mm Optical Glass Wide Angle Port II									
WIDE ANGLE FX	Nikkor Z 14-24mm f/2.8 S	19160 (V1) / 19202 (V2) NZ1424-Z (V1) / Z1424-Z (V2)	21110 N120 Extension Ring 10	22110 N120 Extension Ring 10 II		85204 N120 WACP - 2 <i>* This setup is only compatible with WACP-2 before SN:A526311</i>			Lens FOV Converted FOV	114-87° 140-98°			
						85204 N120 WACP - 2 <i>* This setup is only compatible with WACP-2 SN:A526311 onwards</i>							
					22140 N120 Extension Ring 40 II	22155 N120 Extension Ring 55 II					18809 180mm Optical Glass Wide Angle Port	18802 8.5" Acrylic Dome Port	
													18812 230mm Optical Glass Wide Angle Port II
					18815 250mm Optical Glass Wide Angle Port II								
	Nikkor Z 14-30mm f/4 S	19156 (V1) / 19203 (V2) NZ1430-Z (V1) / Z1430-Z (V2)	22135 N120 Extension Ring 35 II	22150 N120 Extension Ring 50 II		85204 N120 WACP - 2			Lens FOV Converted FOV	114-72° 140-81°			
						18809 180mm Optical Glass Wide Angle Port							
						85207 N120/N100 FCP - 1					Lens FOV Converted FOV Zoom Range	75-72° 170-158° 28-30mm	
						18802 8.5" Acrylic Dome Port					Circular Fisheye (remove shade) Converted FOV Zoom Range	180° at 14mm only	
		18812 230mm Optical Glass Wide Angle Port II											
	Nikkor Z 35mm f1.8 S					85206 N120/N100 WACP - 1B			Lens FOV Converted FOV	63° 110°			
SONY E-MOUNT	Sony SEL2870 FE 28-70mm F3.5-5.6 OSS with Megadap ETZ 21 Adaptor	19158 (V1) NE2870-Z (V1)	22120 N120 Extension Ring 20 II		85206 N120/N100 WACP - 1B			Lens FOV Converted FOV	75-34° 130-59°				
				21315 N120 to N100 15mm Port Adaptor	85205 N100 WACP - C								
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 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