



N120 PORT SYSTEM FOR NIKON Z-MOUNT CAMERA SYSTEM (ZR) (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				
						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 2.3X Working Distance 46-98mm			
							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°				
	Nikkor Z 24-50mm f/4-6.3 Lens	19232 (V3) / 19233 (V3) Z2450-ZII (V3) / Z2850-ZII with limiter ring (V3)	22125 N120 Extension Ring 25 II	21330 N120 to N100 Port Converter	18707 N120 Macro Port 6	81228 M67 Spacer Ring for SMC/CMC <i>(included in all SMC/CMC packaging)</i>	81301 CMC-1	Lens FOV 75-47° Converted FOV 130-81° Zoom Range 28-50mm				
								85206 N120/N100 WACP-1B	85205 N100 WACP-C	83250 M67 to Bayonet Mount Converter II	83202 WWL-1B	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°
STANDARD ZOOM FX	Nikkor Z 24-70mm f/2.8 S II Lens	19236 (V3) Z2470II-ZII (V3)	22180 N120 Extension Ring 80 II	21376 N120 to N100 75.5mm Port Adaptor	18710 N120 Flat Port 30 in Bayonet Mount	81228 M67 Spacer Ring for SMC/CMC <i>(included in all SMC/CMC packaging)</i>	81301 CMC-1	Lens FOV 75-34° Converted FOV 130-59° Zoom Range 28-70mm				
								22155 N120 Extension Ring 55 II	85204 N120 WACP-2			Lens FOV 84-34° Converted FOV 98-40°
								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			
										81228 M67 Spacer Ring for SMC/CMC <i>(included in all SMC/CMC packaging)</i>	81301 CMC-1	Max. Magnification 0.9X Working Distance 55-80mm
										83214 Bayonet Mount Adaptor for SMC/CMC	81302 CMC-2	Max. Magnification 0.7X Working Distance 83-135mm
	Sony FE 28-60mm f4-5.6 OSS with Megadap ETZ 21+ Autofocus Adapter	19237 ZS2860-Z	21315 N120 to N100 15mm Port Adaptor	22110 N120 Extension Ring 10 II	18710 N120 Flat Port 30 in Bayonet Mount	81228 M67 Spacer Ring for SMC/CMC <i>(included in all SMC/CMC packaging)</i>	81301 CMC-1	Lens FOV 75-40° Converted FOV 130-69°				
								22120 N120 Extension Ring 20 II	85207 N120/N100 FCP-1			Lens FOV 75-40° Converted FOV 170-74° <i>* slight vignetting at 28mm</i>
									85205 N100 WACP-C			Lens FOV 75-40° Converted FOV 130-69°
									85206 N120/N100 WACP-1B			
										83214 Bayonet Mount Adaptor for SMC/CMC	81302 CMC-2	Max. Magnification 0.7X Working Distance 83-135mm
										81228 M67 Spacer Ring for SMC/CMC <i>(included in all SMC/CMC packaging)</i>	81301 CMC-1	Max. Magnification 0.9X Working Distance 55-80mm
										83214 Bayonet Mount Adaptor for SMC/CMC	81302 CMC-2	Max. Magnification 0.7X Working Distance 83-135mm
WIDE ANGLE FX	Nikkor Z 14-24mm f/2.8 S	19234 (V3) Z1424-ZII (V3)	22135 N120 Extension Ring 35 II	22160 N120 Extension Ring 60 II	18710 N120 Flat Port 30 in Bayonet Mount	81228 M67 Spacer Ring for SMC/CMC <i>(included in all SMC/CMC packaging)</i>	81301 CMC-1	Lens FOV 114-87° Converted FOV 140-98°				
								22180 N120 Extension Ring 80 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			
										81228 M67 Spacer Ring for SMC/CMC <i>(included in all SMC/CMC packaging)</i>	81301 CMC-1	Max. Magnification 0.9X Working Distance 55-80mm
										83214 Bayonet Mount Adaptor for SMC/CMC	81302 CMC-2	Max. Magnification 0.7X Working Distance 83-135mm
	Nikkor Z 14-30mm f/4 S	19235 (V3) Z1430-ZII (V3)	22125 N120 Extension Ring 25 II	22160 N120 Extension Ring 60 II	18710 N120 Flat Port 30 in Bayonet Mount	81228 M67 Spacer Ring for SMC/CMC <i>(included in all SMC/CMC packaging)</i>	81301 CMC-1	Lens FOV 114-72° Converted FOV 140-81°				
								22170 N120 Extension Ring 70 II	18809 180mm Optical Glass Wide Angle Port			
									18802 8.5" Acrylic Dome Port			
									18812 230mm Optical Glass Wide Angle Port II			
										81228 M67 Spacer Ring for SMC/CMC <i>(included in all SMC/CMC packaging)</i>	81301 CMC-1	Max. Magnification 0.9X Working Distance 55-80mm
										83214 Bayonet Mount Adaptor for SMC/CMC	81302 CMC-2	Max. Magnification 0.7X Working Distance 83-135mm
NIKON Z-MOUNT	Z-Mount Lenses on N120 Nikon Z-mount (for Z7II/Z8/Z9)	N120 Nikon Z-Mount Gears (V1 Version gears)	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 <small>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</small>	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 : 2026-03-27

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