



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 50mm f/2.8 Macro				18713 N120 Macro Port 47 with Bayonet Mount	83214 Bayonet Mount Adaptor for SMC/CMC	81301 CMC - 1	Max. Magnification Working Distance 1.5X 8-64mm
							81302 CMC - 2	Max. Magnification Working Distance 1.4X 16-109mm
	Nikkor Z MC 105mm f/2.8 VR S Macro	19231 Z105-Fill			18711 N120 Macro port 105	SMC/CMC Option 1 - M67 Thread 81228 M67 Spacer Ring for SMC/CMC (included in all SMC/CMC packaging)	81202 SMC - 2	Max. Magnification Working Distance 3.4X 22-38mm
							81203 SMC - 3	Max. Magnification Working Distance 2.3X 46-98mm
						SMC/CMC Option 2 - Bayonet Mount 83250 + 83214 M67 to Bayonet Mount Converter II + Bayonet Mount Adaptor for SMC/CMC	81501 MFD-1	Max. Magnification Working Distance 1.1X 108-1005mm
							81503 MFD-3	Max. Magnification Working Distance 0.9X 0-1500mm Lens FOV Converted FOV 23° 38°
						83250 M67 to Bayonet Mount Converter II	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	19232 Z2450-ZII or 19233 Z2850-ZII with limitor ring		21140 / 22140 N120 Extension Ring 40 I / II	* 18809 180mm Optical Glass Wide Angle Port			
				21150 / 22150 N120 Extension Ring 50 I / II	18802 8.5" Acrylic Dome Port			
					18812 230mm Optical Glass Wide Angle Port II			
			22125 N120 Extension Ring 25 II		85207 N120/N100 FCP - 1			Lens FOV Converted FOV Zoom Range 75-47° 170-87° 28-50mm
					* 85206 N120/N100 WACP - 1B			
				21330 N120 to N100 Port Converter	85205 N100 WACP - C			Lens FOV Converted FOV Zoom Range 75-47° 130-81° 28-50mm
					18714 N120 Macro Port 31 with Bayonet Mount * 83250 is not required in this setup		83202 WWL-1B	
							83203 WWL-C	Lens FOV Converted FOV 84-47° 130-72°
						83214 Bayonet Mount Adaptor for SMC/CMC	81301 CMC - 1	Max. Magnification Working Distance 0.9X 49-75mm
		19232 + 19243 Z2450-ZII + Z2450-Fill	22225 N120 FTZ Adaptor ER 25 with Knob	22120 N120 Extension Ring 20 II	* 18809 180mm Optical Glass Wide Angle Port			
STANDARD ZOOM FX	Nikkor Z 24-70mm f/2.8 S II Lens	19236 Z2470II-ZII		21180 / 22180 N120 Extension Ring 80 I / II	* 85206 N120/N100 WACP - 1B			
				21376 N120 to N100 75.5mm Port Adaptor	85205 N100 WACP - C			Lens FOV Converted FOV Zoom Range 75-34° 130-59° 28-70mm
				21155 / 22155 N120 Extension Ring 55 I / II	85204 N120 WACP - 2			Lens FOV Converted FOV 84- 34° 98-40°
				21190 / 22190 N120 Extension Ring 90 I / II	85207 N120/N100 FCP - 1			Lens FOV Converted FOV Zoom Range 75-34° 170 -52° 28 -70mm * slight vignetting at 28mm
					18802 8.5" Acrylic Dome Port			
					* 18809 180mm Optical Glass Wide Angle Port			
					18812 230mm Optical Glass Wide Angle Port II			
		19236 + 19246 Z2470II-ZII + Z2470II-Fill	22225 N120 FTZ Adaptor ER 25 with Knob	21155 / 22155 N120 Extension Ring 55 I / II	* 85206 N120/N100 WACP - 1B			Lens FOV Converted FOV Zoom Range 75-34° 130-59° 28-70mm
				21351 N120 to N100 50.5mm Port Adaptor	85205 N100 WACP - C			
				21130 / 22130 N120 Extension Ring 30 I / II	85204 N120 WACP - 2			Lens FOV Converted FOV 84- 34° 98-40°
STANDARD ZOOM FX	Nikkor Z 24-70mm f/2.8 S II Lens	19236 Z2470II-ZII		21180 / 22180 N120 Extension Ring 80 I / II	85207 N120/N100 FCP - 1			Lens FOV Converted FOV Zoom Range 75-34° 170 -52° 28-70mm * slight vignetting at 28mm
					18802 8.5" Acrylic Dome Port			
					* 18809 180mm Optical Glass Wide Angle Port			
					18812 230mm Optical Glass Wide Angle Port II			
	Sony FE 28-60mm f4-5.6 OSS with Megadap ETZ 21+ Autofocus Adaptor	19237 ZS2860-Z			18710 N120 Flat Port 30 with Bayonet Mount		83202 WWL-1B	Lens FOV Converted FOV 75-40° 130-69°
						83214 Bayonet Mount Adaptor for SMC/CMC	81301 CMC - 1	Max. Magnification Working Distance 0.9X 55-80mm
							81302 CMC - 2	Max. Magnification Working Distance 0.7X 63-135mm
				21315 N120 to N100 15mm Port Adaptor	85205 N100 WACP - C			Lens FOV Converted FOV 75-40° 130-69°
				22110 N120 Extension Ring 10 II	85206 N120/N100 WACP - 1B			
				21120 / 22120 N120 Extension Ring 20 I / II	85207 N120/N100 FCP - 1			Lens FOV Converted FOV 75-40° 170-74° * slight vignetting at 28mm
WIDE ANGLE FX	NIKKOR Z 28mm f/2.8 (& SE version)				* 85206 N120/N100 WACP - 1B			
				21330 N120 to N100 Port Converter	85205 N100 WACP - C			Lens FOV Converted FOV 75° 130°
					18707 N120 Macro Port 6	83250 M67 to Bayonet Mount Converter II	83202 WWL-1B	
	Nikkor Z 14-24mm f/2.8 S	19234 Z1424-ZII		21135 / 22135 N120 Extension Ring 35 I / II	85204 N120 WACP - 2 * This setup is only compatible with WACP-2 before SN-A526371 85204 N120 WACP - 2 * This setup is only compatible with WACP-2 SN-A526371 onwards			Lens FOV Converted FOV 114-87° 140-98°
				21160 / 22160 N120 Extension Ring 60 I / II	18809 180mm Optical Glass Wide Angle Port			
				21180 / 22180 N120 Extension Ring 80 I / II	18802 8.5" Acrylic Dome Port			
					* 18812 230mm Optical Glass Wide Angle Port II			
					18815 250mm Optical Glass Wide Angle Port II			
		19234 + 19244 Z1424-ZII + Z1424-Fill	22225 N120 FTZ Adaptor ER 25 with Knob	21135 / 22135 N120 Extension Ring 35 I / II	18809 180mm Optical Glass Wide Angle Port			
				21155 / 22155 N120 Extension Ring 55 I / II	18802 8.5" Acrylic Dome Port			
WIDE ANGLE FX	Nikkor Z 14-30mm f/4 S	19235 Z1430-ZII		22125 N120 Extension Ring 25 II	85204 N120 WACP - 2			Lens FOV Converted FOV 114-72° 140-81°
				21160 / 22160 N120 Extension Ring 60 I / II	18809 180mm Optical Glass Wide Angle Port			
					85207 N120/N100 FCP - 1			Lens FOV Converted FOV Zoom Range 75-72° 170-158° 28-30mm
								Circular Fisheye (remove shade) Converted FOV Zoom Range 180° at 14mm only
				21170 / 22170 N120 Extension Ring 70 I / II	18802 8.5" Acrylic Dome Port			
					* 18812 230mm Optical Glass Wide Angle Port II			
		19235 + 19245 Z1430-ZII + Z1430-Fill	22225 N120 FTZ Adaptor ER 25 with Knob		85204 N120 WACP - 2			Lens FOV Converted FOV 114-72° 140-81°
				21135 / 22135 N120 Extension Ring 35 I / II	18809 180mm Optical Glass Wide Angle Port			
					85207 N120/N100 FCP - 1			Lens FOV Converted FOV Zoom Range 75-72° 170-158° 28-30mm
								Circular Fisheye (remove shade) Converted FOV Zoom Range 180° at 14mm only
WIDE ANGLE FX	Nikkor Z 35mm f1.8 S			21125 / 22125 N120 Extension Ring 25 I / II	* 85206 N120/N100 WACP - 1B			Lens FOV Converted FOV 63° 111°
WIDE ANGLE FX	Z-Mount Lenses on N120 Z-mount (for Z7II/Z8/Z9)	N120 Nikon Z-Mount Gears	22225 N120 FTZ Adaptor ER 25 with Knob		N120 Nikon Z-Mount Port System (for Z7II/Z8/Z9)			
WIDE ANGLE FX	Nikon F-mount Lenses with Nikon Adaptor FTZ II * 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	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 : 2026-07-24

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