



N120 PORT SYSTEM FOR NIKON Z-MOUNT CAMERA SYSTEM (Z6III/Z5II)
(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	1.6X 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-FII			18711 N120 Macro port 105	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
							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°
						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 <i>* 83250 is not required in this setup</i>		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
	Nikkor Z 24-70mm f/2.8 S II Lens	19236 Z2470H-ZII	21180 / 22180 N120 Extension Ring 80 I / II	★ 85206 N120/N100 WACP - 1B				Lens FOV Converted FOV Zoom Range	75-34° 130-59° 28-70mm
			21376 N120 to N100 75.5mm Port Adaptor	85205 N100 WACP - C					
			21155 / 22155 N120 Extension Ring 55 I / II	85204 N120 WACP - 2				Lens FOV Converted FOV	84- 34° 98-40°
WIDE ANGLE FX	Sony FE 28-60mm f4-5.6 OSS with Megadap ETZ 21+ Autofocus Adapter	19237 ZS2860-Z	21190 / 22190 N120 Extension Ring 90 I / II	85207 N120/N100 FCP - 1				Lens FOV Converted FOV Zoom Range	75-34° 170 -62° 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					
					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 83-135mm
			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° <i>* slight vignetting at 28mm</i>
	NIKKOR Z 28mm f/2.8 (& SE version)			★ 85206 N120/N100 WACP - 1B				Lens FOV Converted FOV	75° 130°
				21330 N120 to N100 Port Converter	85205 N100 WACP - C				
NIKON Z-MOUNT					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 <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>					
			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					
	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					
NIKON F-MOUNT					★ 18812 230mm Optical Glass Wide Angle Port II				
	Nikkor Z 35mm f1.8 S		21125 / 22125 N120 Extension Ring 25 I / II	★ 85206 N120/N100 WACP - 1B				Lens FOV Converted FOV	63° 110°
NIKON Z-MOUNT	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)				
	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 : 2026-07-24

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