



## 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 105mm f/2.8 VR S Macro	19200 (V2) Z105-F (V2) or 19231 (V3) Z105-FII (V3)			18711 N120 Macro port 105	SMC/CMC Option 1 - M67 Thread <b>81228</b> M67 Spacer Ring for SMC/CMC <i>(included in all SMC/CMC packaging)</i>	<b>81202</b> SMC-2	Max. Magnification 3.6X Working Distance 22-38mm	
						SMC/CMC Option 2 - Bayonet Mount <b>83250 + 83214</b> M67 to Bayonet Mount Converter II + Bayonet Mount Adaptor for SMC/CMC	<b>81203</b> SMC-3	Max. Magnification 2.3X Working Distance 46-98mm	
							<b>81501</b> MFO-1	Max. Magnification 1.1X Working Distance 108-1005mm	
							<b>81503</b> MFO-3	Max. Magnification 0.9X Working Distance 0-1500mm Lens FOV 23° Converted FOV 38°	
							<b>83250</b> M67 to Bayonet Mount Converter II	<b>87302</b> EMWL Set #2	Lens FOV 23° Converted FOV 60°/100°/130°/160°
STANDARD ZOOM FX	Nikkor Z 24-50mm f/4-6.3 Lens	19201 (V2) Z2450-Z (V2) or 19232 (V3) Z2450-ZII (V3) or 19233 (V3) Z2850-ZII with limitor ring (V3)	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					
			22125 N120 Extension Ring 25 II	18812 230mm Optical Glass Wide Angle Port II					
				85207 N120/N100 FCP-1	Lens FOV 75-47° Converted FOV 170-87° Zoom Range 28-50mm				
				* 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	<b>83202</b> WWL-1B	Lens FOV 84-47° Converted FOV 130-72°		
					SMC/CMC Option 1 - M67 Thread <b>81228</b> M67 Spacer Ring for SMC/CMC <i>(included in all SMC/CMC packaging)</i>	<b>81301</b> CMC-1	Max. Magnification 0.9X Working Distance 49-75mm		
				18714 N120 Macro Port 31 with Bayonet Mount <i>* 83250 is not required in this setup</i>	SMC/CMC Option 2 - Bayonet Mount <b>83250 + 83214</b> M67 to Bayonet Mount Converter II + Bayonet Mount Adaptor for SMC/CMC				
STANDARD ZOOM FX	Nikkor Z 24-70mm f/2.8 S II Lens	19236 (V3) Z2470II-ZII (V3)	21180 / 22180 N120 Extension Ring 80 I / 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					
			21155 / 22155 N120 Extension Ring 55 I / II	85204 N120 WACP-2	Lens FOV 84-34° Converted FOV 98-40°				
			21190 / 22190 N120 Extension Ring 90 I / 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					
STANDARD ZOOM FX	Nikkor Z 24-70mm f/4 S Lens	19204 (V2) Z2470-Z (V2)	22125 N120 Extension Ring 25 II	22120 N120 Extension Ring 20 II	* 85206 N120/N100 WACP-1B	Lens FOV 75-70° Converted FOV 130-121° Zoom Range 28-32mm			
				21320 N120 to N100 20mm Port Adaptor	85205 N100 WACP-C				
				21160 / 22160 N120 Extension Ring 60 I / II	18802 8.5" Acrylic Dome Port				
					* 18809 180mm Optical Glass Wide Angle Port				
					18812 230mm Optical Glass Wide Angle Port II				
STANDARD ZOOM FX	Sony FE 28-60mm f4-5.6 OSS with Megadap ETZ 21+ Autofocus Adapter	19237 Z2860-Z			18710 N120 Flat Port 30 with Bayonet Mount	83202 WWL-1B	Lens FOV 75-40° Converted FOV 130-69°		
						83214 Bayonet Mount Adaptor for SMC/CMC	<b>81301</b> CMC-1	Max. Magnification 0.9X Working Distance 55-80mm	
							<b>81302</b> CMC-2	Max. Magnification 0.7X Working Distance 83-135mm	
			21315 N120 to N100 15mm Port Adaptor	85205 N100 WACP-C	Lens FOV 75-40° Converted FOV 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 75-40° Converted FOV 170-74° <i>* slight vignetting at 28mm</i>				
WIDE ANGLE FX	NIKKOR Z 28mm f/2.8 (S SE version)			* 85206 N120/N100 WACP-1B	Lens FOV 75° Converted FOV 130°				
				21330 N120 to N100 Port Converter	85205 N100 WACP-C				
					18707 N120 Macro Port 6	83250 M67 to Bayonet Mount Converter II	<b>83202</b> WWL-1B		
		Nikkor Z 14-24mm f/2.8 S	19202 (V2) Z1424-Z (V2) or 19234 (V3) Z1424-ZII (V3)	21135 / 22135 N120 Extension Ring 35 I / II	85204 N120 WACP-2	Lens FOV 114-87° Converted FOV 140-98°			
					<i>* This setup is only compatible with WACP-2 before SN:AS26311</i>				
					85204 N120 WACP-2	<i>* This setup is only compatible with WACP-2 SN:AS26311 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	19203 (V2) Z1430-Z (V2) or 19235 (V3) Z1430-ZII (V3)	22125 N120 Extension Ring 25 II	85204 N120 WACP-2	Lens FOV 114-72° Converted FOV 140-81°					
		21160 / 22160 N120 Extension Ring 60 I / 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					
		21170 / 22170 N120 Extension Ring 70 I / 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)	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