



N120 PORT SYSTEM FOR NIKON Z-MOUNT CAMERA SYSTEM (FX Format Lens)

| | CAMERA LENS | GEAR | PORT ADAPTOR | EXTENSION RING | PORT | MOUNT CONVERTER | WET LENS | OPTICAL PERFORMANCE | |
|--------------------------------|--|---|---|--|---|---|---|--|---|
| MACRO FX | NIKKOR Z MC 50mm f/2.8 Macro | | | 2110 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 1.6X Working Distance 8-64mm | |
| | | | | 22110 N120 Extension Ring 10 II | 18706 Macro Port 12 <i>* This setup is only compatible with 18706 after SN:A524910</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 1.4X Working Distance 16-109mm | |
| | Nikkor Z MC 105mm f/2.8 VR S Macro | 19161 / 19200 NZ105VR-F / Z105VR-F | | | | 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> | 81201 SMC-1 | Max. Magnification 2.2X Working Distance 45-94mm |
| | | | | | | | SMC/CMC Option 2 - Bayonet Mount 83250 + 83214 M67 to Bayonet Mount Converter II + Bayonet Mount Adaptor for SMC/CMC | 81202 SMC-2 | Max. Magnification 3.6X Working Distance 22-38mm |
| | | | | | 22120 N120 Extension Ring 20 II | 18701 Macro port 60 | SMC/CMC Option 1 - M67 Thread 81228 M67 Spacer Ring for SMC/CMC <i>(included in all SMC/CMC packaging)</i> | 81201 SMC-1 | Max. Magnification 2.2X Working Distance 45-94mm |
| | | | | | | | SMC/CMC Option 2 - Bayonet Mount 83250 + 83214 M67 to Bayonet Mount Converter II + Bayonet Mount Adaptor for SMC/CMC | 81202 SMC-2 | Max. Magnification 3.6X Working Distance 22-38mm |
| | | | | | 83250 M67 to Bayonet Mount Converter II | 87302 EMWL Set #2 | Lens FOV 23° Converted FOV 60°/100°/130°/160° | | |
| STANDARD ZOOM FX | Nikkor Z 24-50mm f/4-6.3 Lens | 19165 / 192xx NZ2850-Z with limiter ring / Z2850-Z with limiter ring | | | * 85206 N120/N100 WACP - 1B | | | Lens FOV 75-47° Converted FOV 130-81° Zoom Range 28-50mm | |
| | | | | | 85201 N120 WACP - 1 | | | | |
| | | | 21330 N120 to N100 Port Converter | | 85205 N100 WACP - C | | | | |
| | | | | | | 85207 N120/N100 FCP - 1 | | Lens FOV 75-47° Converted FOV 170-87° Zoom Range 28-50mm | |
| | | | | | 18707 N120 Macro Port 6 | 83250 M67 to Bayonet Mount Converter II <i>(included in all MWL-1 packaging)</i> | 83202 WWL-1B | Lens FOV 75-47° Converted FOV 130-81° Zoom Range 28-50mm | |
| | | | 19163 / 19201 NZ2450-Z / Z2450-Z | 22120 N120 Extension Ring 20 II | * 18809 180mm Optical Glass Wide Angle Port | | | | |
| | | | | 22130 N120 Extension Ring 30 II | 18802 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 | 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 <i>(included in all MWL-1 packaging)</i> | 83203 WWL-C | Lens FOV 84-47° Converted FOV 130-72° | |
| | Nikkor Z 24-70mm f/2.8 S Lens | 19157 NZ2470I.8S-Z | | 22125 N120 Extension Ring 25 II | 85204 N120 WACP - 2 | | | Lens FOV 84-46° Converted FOV 98-56° | |
| | | | 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/4 S Lens | 19154 / 19204 NZ2470-Z / Z2470-Z | | 22120 N120 Extension Ring 20 II | * 85206 N120/N100 WACP - 1B | | | Lens FOV 75-70° Converted FOV 130-121° Zoom Range 28-32mm | | |
| | | | | 85201 N120 WACP - 1 | | | | | |
| | | 21320 N120 to N100 20mm Port Adaptor | | 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 NZ2875-Z | | 22135 N120 Extension Ring 35 II | * 85206 N120/N100 WACP - 1B | | | Lens FOV 75-48° Converted FOV 130-83° Zoom Range 28-48mm | | |
| | | | | 85201 N120 WACP - 1 | | | | | |
| | | 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 | | | | | |
| | | | 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 / 19202 NZ1424-Z / Z1424-Z | 21110 N120 Extension Ring 10 | 85204 N120 WACP - 2 <i>* This setup is only compatible with WACP-2 before SN:A526311</i> | | | Lens FOV 114-87° Converted FOV 140-98° | | |
| | | | 21110 N120 Extension Ring 10 II | 85204 N120 WACP - 2 <i>* This setup is only compatible with WACP-2 after SN:A526311</i> | | | Lens FOV 114-87° Converted FOV 140-98° | | |
| | | | 22140 N120 Extension Ring 40 II | 18809 180mm Optical Glass Wide Angle Port | | | | | |
| | | 22155 N120 Extension Ring 55 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 | 19156 / 19203 NZ1430-Z / Z1430-Z | | | 85204 N120 WACP - 2 | | | Lens FOV 114-72° Converted FOV 140-81° | | |
| | | | 22135 N120 Extension Ring 35 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 | | |
| | | | 22150 N120 Extension Ring 50 II | 18802 8.5" Acrylic Dome Port | | | Circular Fisheye (remove shade) Converted FOV 180° Zoom Range at 14mm only | | |
| | | | | * 18812 230mm Optical Glass Wide Angle Port II | | | | | |
| Nikkor Z 35mm f1.8 S | | | | * 85206 N120/N100 WACP - 1B | | | Lens FOV 63° Converted FOV 110° | | |
| | | | | 85201 N120 WACP - 1 | | | | | |
| SONY E-MOUNT | Sony SEL2870 FE 28-70mm F3.5-5.6 OSS with Megadap ETZ 21 Adaptor | | 22120 N120 Extension Ring 20 II | * 85206 N120/N100 WACP - 1B | | | Lens FOV 75-34° Converted FOV 130-59° | | |
| | | | | 85201 N120 WACP - 1 | | | | | |
| | | | 21315 N120 to N100 15mm Port Adaptor | 85205 N100 WACP - C | | | | | |
| NIKON F-MOUNT | Nikon F-mount Lenses with Nikon Adaptor FTZ | | | | 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 : 2024-08-23

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