N120 PORT SYSTEM FOR NIKON F-MOUNT CAMERA SYSTEM

(30 & 0 Formal Lens)

CAMERA LENS	SEAL	PORT SHAD / PORT ADAPTER	EXTENSION RING	PORT	MOUNT CONVERTER	DIVE LIGHT	OPTICAL PERFORMANCE
FISH EYE							
Nikon AF 2.8/16 Nikon NIKKOR 16mm f/2.8D ED	N1002 N1002-F	16/21 Compact Port Base	20/100 N120 Extension Ring 20+	16/100 Macro Port-100	16/100 Self Lock Option 1 (M17 Thread) **A1100** M67 Special Ring for DMC/CMC (Included in all DMC/CMC packages) **A1000** M67 Adapter Ring for DMC/CMC (Included in all DMC/CMC packages) **A2000 / A2010** M67 to Bayonet Mount Converter for Bayonet Mount Adapter for DMC/CMC	M67/ DMC-1	Lens Fitted Camera/DSLR: 24° Camera/DSLR: 180°
Nikon AF 2.8/16 Nikon NIKKOR 16mm f/2.8D (II)	N1120 N1012-F			16/200 Macro Port-200		M100/ DMC-2	Max. Mag/Focus: 1:40 Working Distance: 2.5-16mm
Nikon AF 2.8/16 Nikon NIKKOR 16mm f/2.8D (II)	N1121 N1021-F	16/21 Compact Port Base	20/100 N120 Extension Ring 20+	16/100 Macro Port-100		M100/ DMC-3	Max. Mag/Focus: 1:30 Working Distance: 2.5-25mm
				16/200 Macro Port-200		M100/ DMC-4	Max. Mag/Focus: 1:20 Working Distance: 2.5-50mm
				16/300 Macro Port-300		M100/ DMC-5	Max. Mag/Focus: 1:15 Working Distance: 2.5-75mm
Nikon AF 2.8/fisheye NIKKOR 16mm f/2.8D (II) with HN-24 Dogbar	N1021 N1021-F			16/100 Macro Port-100	**A1000** M67 Adapter Ring for DMC/CMC (Included in all DMC/CMC packages)	M100/ DMC-6	Lens Fitted Camera/DSLR: 28.7° 40°/180°/120°/180°
This setup can only be used on DX sensor camera							
WIDE							
Nikon AF Nikkor 10mm f/2.8D	N1021 N1021-F	16/21 Compact Port Base	16/200 Extension Ring 20	16/200 Macro Port-200	16/100 Self Lock Option 1 (M17 Thread) **A1100** M67 Special Ring for DMC/CMC (Included in all DMC/CMC packages) **A1000** M67 Adapter Ring for DMC/CMC (Included in all DMC/CMC packages) **A2000 / A2010** M67 to Bayonet Mount Converter for Bayonet Mount Adapter for DMC/CMC	M100/ DMC-1	Max. Mag/Focus: 1:40 Working Distance: 2.5-20mm
			16/300 Extension Ring 30	16/300 Macro Port-300		M100/ DMC-2	Max. Mag/Focus: 1:30 Working Distance: 4-35mm
						M100/ DMC-3	Max. Mag/Focus: 1:20 Working Distance: 7-55mm
						M100/ DMC-4	Max. Mag/Focus: 1:15 Working Distance: 11-75mm
Nikon AF 2.8/10.5 Nikon NIKKOR 10.5mm f/2.8G ED	N1021 N1021-F	16/21 Compact Port Base	20/100 N120 Extension Ring 20+	16/100 Macro Port-100	**A1000** M67 Adapter Ring for DMC/CMC (Included in all DMC/CMC packages)	M100/ DMC-6	Lens Fitted Camera/DSLR: 28.7° 40°/180°/120°/180°
This setup can only be used on DX sensor camera							
Nikon AF Nikkor 12mm f/2.8D	N1021 N1021-F	16/21 Compact Port Base	16/200 Extension Ring 20	16/200 Macro Port-200	16/100 Self Lock Option 1 (M17 Thread) **A1100** M67 Special Ring for DMC/CMC (Included in all DMC/CMC packages) **A1000** M67 Adapter Ring for DMC/CMC (Included in all DMC/CMC packages) **A2000 / A2010** M67 to Bayonet Mount Converter for Bayonet Mount Adapter for DMC/CMC	M100/ DMC-1	Max. Mag/Focus: 1:40 Working Distance: 2.5-20mm
			16/300 Extension Ring 30	16/300 Macro Port-300		M100/ DMC-2	Max. Mag/Focus: 1:30 Working Distance: 4-35mm
						M100/ DMC-3	Max. Mag/Focus: 1:20 Working Distance: 7-55mm
						M100/ DMC-4	Max. Mag/Focus: 1:15 Working Distance: 11-75mm
Nikon AF 2.8/fisheye NIKKOR 10.5mm f/2.8G ED	N1021 N1021-F			16/100 Macro Port-100	**A1000** M67 Adapter Ring for DMC/CMC (Included in all DMC/CMC packages)	M100/ DMC-6	Lens Fitted Camera/DSLR: 28.7° 40°/180°/120°/180°
This setup can only be used on DX sensor camera							
Nikon AF Nikkor 10mm f/2.8D	N1021 N1021-F	16/21 Compact Port Base	16/200 Extension Ring 20	16/200 Macro Port-200	16/100 Self Lock Option 1 (M17 Thread) **A1100** M67 Special Ring for DMC/CMC (Included in all DMC/CMC packages) **A1000** M67 Adapter Ring for DMC/CMC (Included in all DMC/CMC packages) **A2000 / A2010** M67 to Bayonet Mount Converter for Bayonet Mount Adapter for DMC/CMC	M100/ DMC-1	Max. Mag/Focus: 1:40 Working Distance: 2.5-20mm
			16/300 Extension Ring 30	16/300 Macro Port-300		M100/ DMC-2	Max. Mag/Focus: 1:30 Working Distance: 4-35mm
						M100/ DMC-3	Max. Mag/Focus: 1:20 Working Distance: 7-55mm
						M100/ DMC-4	Max. Mag/Focus: 1:15 Working Distance: 11-75mm
Nikon AF 2.8/fisheye NIKKOR 10mm f/2.8G ED with HN-24 dogbar	N1021 N1021-F			16/100 Macro Port-100	**A1000** M67 Adapter Ring for DMC/CMC (Included in all DMC/CMC packages)	M100/ DMC-6	Lens Fitted Camera/DSLR: 28.7° 40°/180°/120°/180°
This setup can only be used on DX sensor camera							
STD							
Nikon AF 2.8 Nikon NIKKOR 18mm f/2.8 D	N1122 N1022-F	16/21 Compact Port Base	16/200 Extension Ring 20	16/200 Macro Port-200	16/100 Self Lock Option 1 (M17 Thread) **A1100** M67 Special Ring for DMC/CMC (Included in all DMC/CMC packages) **A1000** M67 Adapter Ring for DMC/CMC (Included in all DMC/CMC packages) **A2000 / A2010** M67 to Bayonet Mount Converter for Bayonet Mount Adapter for DMC/CMC	M100/ DMC-1	Max. Mag/Focus: 1:40 Working Distance: 2.5-20mm
			16/300 Extension Ring 30	16/300 Macro Port-300		M100/ DMC-2	Max. Mag/Focus: 1:30 Working Distance: 4-35mm
						M100/ DMC-3	Max. Mag/Focus: 1:20 Working Distance: 7-55mm
						M100/ DMC-4	Max. Mag/Focus: 1:15 Working Distance: 11-75mm
Nikon AF 2.8/fisheye NIKKOR 18mm f/2.8D ED	N1122 N1022-F			16/100 Macro Port-100	**A1000** M67 Adapter Ring for DMC/CMC (Included in all DMC/CMC packages)	M100/ DMC-6	Lens Fitted Camera/DSLR: 28.7° 40°/180°/120°/180°
Sigma 10mm f/2.8 EX DC Nikon	N1021 N1021-F	16/21 Compact Port Base	16/200 Extension Ring 20	16/200 Compact Port-200			
Sigma 10mm f/2.8 EX DG Nikon		16/21 Compact Port Base	16/200 Extension Ring 20	16/200 Compact Port-200			
Sigma 10mm f/2.8 EX DG Nikon	N1021 N1021-F	16/21 Compact Port Base	16/200 Extension Ring 20	16/200 Compact Port-200			
Sigma 10mm f/2.8 EX DG HSM Macro	N1021 N1021-F		20/100 N120 Extension Ring 20+	16/100 Macro Port-100	16/100 Self Lock Option 1 (M17 Thread) **A1100** M67 Special Ring for DMC/CMC (Included in all DMC/CMC packages) **A1000** M67 Adapter Ring for DMC/CMC (Included in all DMC/CMC packages) **A2000 / A2010** M67 to Bayonet Mount Converter for Bayonet Mount Adapter for DMC/CMC	M100/ DMC-1	Max. Mag/Focus: 1:40 Working Distance: 2.5-20mm
			20/300 Extension Ring 30+	16/300 Macro Port-300		M100/ DMC-2	Max. Mag/Focus: 1:30 Working Distance: 4-35mm
						M100/ DMC-3	Max. Mag/Focus: 1:20 Working Distance: 7-55mm
						M100/ DMC-4	Max. Mag/Focus: 1:15 Working Distance: 11-75mm
Sigma 10mm f/2.8 EX DG HSM Macro	N1021 N1021-F	16/21 Compact Port Base	16/200 Extension Ring 20	16/200 Compact Port-200			
Sigma 10mm f/2.8 EX DG HSM Macro	N1021 N1021-F	16/21 Compact Port Base	16/200 Extension Ring 20	16/200 Compact Port-200			
Lens 10mm f/2.8 Nikon Fisheye	N1100 N1010-F		20/100 + 20/10 Extension Ring 20+ + Focus Knob	16/200 Fisheye Port for Lens 10mm f/2.8 Nikon Fisheye			
STD WIDE							
Nikon AF 2.8 NIKKOR 20mm f/2.8 D (AF-D)	N1122 N1022-F	16/21 Compact Port Base	16/200 Extension Ring 20	16/200 Compact Port-200			
Nikon AF 2.8/2 NIKKOR 20mm f/2.8 D (AF-D 2)	N1122 N1022-F	16/21 Compact Port Base	16/200 Extension Ring 20	16/200 Compact Port-200			
Nikon AF 2.8 Nikon NIKKOR 20mm f/2.8 D (AF-D)	N1122 N1022-F		20/100 N120 Extension Ring 20+	16/200 Macro Port-200	**A1000** M67 Adapter Ring for DMC/CMC (Included in all DMC/CMC packages)	Lens Fitted Camera/DSLR: 78.58° 108.58°	
			20/200 Extension Ring 20		**A2000** M67 to Bayonet Mount Converter for Bayonet Mount Adapter for DMC/CMC		
Nikon AF 2.8/2 NIKKOR 20mm f/2.8 D (AF-D 2)	N1122 N1022-F					Lens Fitted Camera/DSLR: 78.58° 108.58°	
Nikon AF 2.8 NIKKOR 20mm f/2.8 D (AF-D)	N1122 N1022-F	16/21 Compact Port Base	16/200 Extension Ring 20	16/200 Compact Port-200			
			20/200 Extension Ring 20				
Sigma 20mm f/1.8 EX DG Nikon	N1122 N1022-F		20/100 N120 Extension Ring 20+	16/200 Macro Port-200	**A1000** M67 Adapter Ring for DMC/CMC (Included in all DMC/CMC packages)	Lens Fitted Camera/DSLR: 78.58° 108.58°	
Sigma 20mm f/1.8 EX DG Nikon HSM	N1122 N1022-F						
Sigma 20mm f/2.8 EX DG Nikon	N1122 N1022-F		20/100 N120 Extension Ring 20+	16/200 Macro Port-200			
Sigma 20mm f/2.8 EX DG Nikon HSM	N1122 N1022-F						
Sigma 20mm f/1.4 DG HSM Nikon	N1122 N1022-F		20/100 N120 Extension Ring 20+	16/200 Macro Port-200			
STD							
Nikon AF 2.8 NIKKOR 24mm f/2.8 D	N1122 N1022-F	16/21 Compact Port Base	16/200 Extension Ring 20	16/200 Compact Port-200			
Nikon AF 2.8/2 NIKKOR 24mm f/2.8 D (AF-D 2)	N1122 N1022-F	16/21 Compact Port Base	16/200 Extension Ring 20	16/200 Compact Port-200			
Nikon AF 2.8 Nikon NIKKOR 24mm f/2.8 D (AF-D)	N1122 N1022-F		20/100 N120 Extension Ring 20+	16/200 Macro Port-200	**A1000** M67 Adapter Ring for DMC/CMC (Included in all DMC/CMC packages)	Lens Fitted Camera/DSLR: 78.58° 108.58°	
			20/200 Extension Ring 20		**A2000** M67 to Bayonet Mount Converter for Bayonet Mount Adapter for DMC/CMC		
Nikon AF 2.8/2 NIKKOR 24mm f/2.8 D (AF-D 2)	N1122 N1022-F					Lens Fitted Camera/DSLR: 78.58° 108.58°	
Nikon AF 2.8 NIKKOR 24mm f/2.8 D (AF-D)	N1122 N1022-F	16/21 Compact Port Base	16/200 Extension Ring 20	16/200 Compact Port-200			
			20/200 Extension Ring 20				
Sigma 24mm f/1.8 EX DG Nikon	N1122 N1022-F		20/100 N120 Extension Ring 20+	16/200 Macro Port-200	**A1000** M67 Adapter Ring for DMC/CMC (Included in all DMC/CMC packages)	Lens Fitted Camera/DSLR: 78.58° 108.58°	
Sigma 24mm f/1.8 EX DG Nikon HSM	N1122 N1022-F						
Sigma 24mm f/2.8 EX DG Nikon	N1122 N1022-F		20/100 N120 Extension Ring 20+	16/200 Macro Port-200			
Sigma 24mm f/2.8 EX DG Nikon HSM	N1122 N1022-F						
Sigma 24mm f/1.4 DG HSM Nikon	N1122 N1022-F		20/100 N120 Extension Ring 20+	16/200 Macro Port-200			
STD WIDE							
Nikon AF 2.8/2 NIKKOR 28mm f/2.8 D (AF-D 2)	N1122 N1022-F	16/21 Compact Port Base	16/200 Extension Ring 20	16/200 Compact Port-200			
Nikon AF 2.8 NIKKOR 28mm f/2.8 D (AF-D)	N1122 N1022-F	16/21 Compact Port Base	16/200 Extension Ring 20	16/200 Compact Port-200			
Nikon AF 2.8 NIKKOR 28mm f/2.8 D (AF-D)	N1122 N1022-F		20/100 N120 Extension Ring 20+	16/200 Macro Port-200	**A1000** M67 Adapter Ring for DMC/CMC (Included in all DMC/CMC packages)	Lens Fitted Camera/DSLR: 78.58° 108.58°	
			20/200 Extension Ring 20		**A2000** M67 to Bayonet Mount Converter for Bayonet Mount Adapter for DMC/CMC		
Nikon AF 2.8/2 NIKKOR 28mm f/2.8 D (AF-D 2)	N1122 N1022-F					Lens Fitted Camera/DSLR: 78.58° 108.58°	
Nikon AF 2.8 NIKKOR 28mm f/2.8 D (AF-D)	N1122 N1022-F	16/21 Compact Port Base	16/200 Extension Ring 20	16/200 Compact Port-200			
			20/200 Extension Ring 20				
Sigma 28mm f/1.8 EX DG Nikon	N1122 N1022-F		20/100 N120 Extension Ring 20+	16/200 Macro Port-200	**A1000** M67 Adapter Ring for DMC/CMC (Included in all DMC/CMC packages)	Lens Fitted Camera/DSLR: 78.58° 108.58°	
Sigma 28mm f/1.8 EX DG Nikon HSM	N1122 N1022-F						
Sigma 28mm f/2.8 EX DG Nikon	N1122 N1022-F		20/100 N120 Extension Ring 20+	16/200 Macro Port-200			
Sigma 28mm f/2.8 EX DG Nikon HSM	N1122 N1022-F						
Sigma 28mm f/1.4 DG HSM Nikon	N1122 N1022-F		20/100 N120 Extension Ring 20+	16/200 Macro Port-200			
STD							
Nikon AF 2.8 Nikkor 35 mm f/2.8D	N1122 N1022-F		16/200 Extension Ring 20	16/200 Compact Port-200			
			16/300 Extension Ring 30	16/300 Compact Port-300			
			16/500 Extension Ring 50	16/500 Compact Port-500			
Sigma 35mm f/1.4 DG HSM Fisheye	N1122 N1022-F		20/100 N120 Extension Ring 20+	16/200 Fisheye Port			
			20/300 Extension Ring 30+	16/300 Fisheye Port			
			20/500 Extension Ring 50+	16/500 Fisheye Port			
Tokina AT-X 107 AF DX Fisheye AF 10-17mm f/3.5-4.5	N1021 N1021-F		20/100 N120 Extension Ring 20+	16/200 Fisheye Port			
			20/300 Extension Ring 30+	16/300 Fisheye Port			
			20/500 Extension Ring 50+	16/500 Fisheye Port			
Tokina AT-X 107 AF DX Fisheye Nikon / Lens Tokina Pro AW 2000	N1021 N1021-F		20/100 N120 Extension Ring 20+	16/200 Fisheye Port for Tokina Pro AW 2000			
			20/300 Extension Ring 30+	16/300 Fisheye Port for Tokina Pro AW 2000			
			20/500 Extension Ring 50+	16/500 Fisheye Port for Tokina Pro AW 2000			
STD WIDE							
Nikon AF-S Fisheye NIKKOR 8-15mm f/3.5-4.5E ED	N1100 N1010-F		20/100 N120 Extension Ring 20+	16/200 Fisheye Port			
Nikon AF-S Fisheye NIKKOR 8-15mm f/3.5-4.5E ED with Tokaiya Pro 200 DGS	N1021 N1021-F		20/100 N120 Extension Ring 20+	16/200 Fisheye Port for Tokaiya Pro 200 DGS			
Nikon AF-S Fisheye NIKKOR 8-15mm f/3.5-4.5E ED with Tokaiya Pro 200 DGS and Tokaiya Pro 200 DGS Port	N1021 N1021-F		20/100 N120 Extension Ring 20+	16/200 Fisheye Port for Tokaiya Pro 200 DGS with Removable Shade			
STD							
Nikon AF 2.8 Fisheye Nikkor 16 mm f/2.8 D	N1122 N1022-F		20/100 N120 Extension Ring 20+	16/200 Fisheye Port			
Nikon AF 2.8 Fisheye Nikkor 16 mm f/2.8 D with Tokaiya Pro 200 DGS	N1021 N1021-F		20/100 N120 Extension Ring 20+	16/200 Fisheye Port for Tokaiya Pro 200 DGS			
Nikon AF 2.8 Fisheye Nikkor 16 mm f/2.8 D with Tokaiya Pro 200 DGS and Tokaiya Pro 200 DGS Port	N1021 N1021-F		20/100 N120 Extension Ring 20+	16/200 Fisheye Port for Tokaiya Pro 200 DGS with Removable Shade			
STD							
Nikon AF Fisheye Nikkor 16 mm f/2.8D	N1122 N1022-F		20/100 N120 Extension Ring 20+	16/200 Fisheye Port			
Sigma 15mm f/2.8 EX Diagonal Fisheye	N1122 N1022-F		20/100 N120 Extension Ring 20+	16/200 Fisheye Port			

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 closer lens.

- Recommended Nauticam underwater optics based on best underwater optical performance
- Recommended Port System