



N120 PORT SYSTEM FOR NIKON F-MOUNT CAMERA SYSTEM (DX & FX Format L-mount)

CAMERA LENS	GEAR	PORT BASE / PORT ADAPTOR	EXTENSION RING	PORT	MOUNT CONVERTER	WET LENS	OPTICAL PERFORMANCE
MAKRO DX	Nikon AF-S DX Micro NIKKOR 55mm F3.5G ED VR	19129 NBSVR-F	22120 N120 Extension Ring 20 II	18701 Macro Port 60	SMC/CMC Option 1 - M67 Thread 81228 M67 Spacer Ring for SMC/CMC (included in all SMC/CMC packaging) SMC/CMC Option 2 - Bayonet Mount 83250 + 83214 M67 to Bayonet Mount Converter II + Bayonet Mount Adaptor for SMC/CMC	81201 SMC-1 81202 CMC-2 81203 CMC-2	Max. Magnification 2.5X Working Distance 51-64mm Max. Magnification 3.9X Working Distance 23-37mm Max. Magnification 2.1X Working Distance 57-125mm
	Nikon AF-S Micro NIKKOR 60mm F2.8G ED	19121 N60G-F		18701 Macro Port 60	SMC/CMC Option 1 - M67 Thread 81228 M67 Spacer Ring for SMC/CMC (included in all SMC/CMC packaging) 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 (included in all M67-1 packaging)	81301 CMC-1 81202 CMC-2 86201 MWR-1	Max. Magnification 1.4X Working Distance 4-73mm Max. Magnification 1.2X Working Distance 11-123mm Lens FOV Converted FOV 39° 150°
	Nikon AF-S Micro NIKKOR 60mm F2.8G ED with HOYA H-8 Dispser	19121 N60G-F			18701 Macro Port 60	83250 M67 to Bayonet Mount Converter II	87303 EMWL Set #3
MAKRO DX	Nikon AF-S VR Micro NIKKOR 105mm F2.8G IF-ED	19122 N105VR-F		18702 Macro Port 87	SMC/CMC Option 1 - M67 Thread 81228 M67 Spacer Ring for SMC/CMC (included in all SMC/CMC packaging) 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	81201 SMC-1 81202 CMC-2 EMWL Set #1	Max. Magnification 2.5X Working Distance 53-55mm Max. Magnification 4.2X Working Distance 24-33mm Lens FOV Converted FOV 23.3° Converted FOV 60°/100°/130°/160°
	Sigma 105mm F2.8 EX DG OS HSM Macro	19147 SN105F	22130 N120 Extension Ring 30 II	18701 Macro Port 60	SMC/CMC Option 1 - M67 Thread 81228 M67 Spacer Ring for SMC/CMC (included in all SMC/CMC packaging) SMC/CMC Option 2 - Bayonet Mount 83250 + 83214 M67 to Bayonet Mount Converter II + Bayonet Mount Adaptor for SMC/CMC	81301 SMC-1 81202 CMC-2	Max. Magnification 2.5X Working Distance 53-55mm Max. Magnification 4.2X Working Distance 24-33mm
	Lowca 24mm F14 2X Macro Probe	19155 Lowca24 Gear Set	22170 + 22171 N120 Extension Ring 70 II + Focus Knob	16336 N120 Port Adaptor for Lowca 24mm F14 2X Macro Probe		81201 SMC-1 81202 CMC-2	Max. Magnification 2.3X Working Distance 50-93mm Max. Magnification 4.2X Working Distance 24-33mm
STANDARD ZOOM DX	Nikon AF-S DX Micro NIKKOR 18-55mm F3.5-5.6G VR II	19144 N1855VR-II Z	22135 N120 Extension Ring 35 II	85206 N120/N100 WACP-1B 85201 N120 WACP-1 85205 N100 WACP-C			Lens FOV 76.29° Converted FOV 130.56°
	Nikon AF-P DX NIKKOR 18-55mm F3.5-5.6G	19144 N1855AFP-Z	22135 N120 to N100 35mm Port Adaptor	85205 N100 WACP-C			Lens FOV 76.29° Converted FOV 130.56°
	Nikon AF-P DX NIKKOR 18-55mm F3.5-5.6G VR	19144 N1855AFP-Z	22135 N120 to N100 35mm Port Adaptor	85205 N100 WACP-C			Lens FOV 76.29° Converted FOV 130.56°
STANDARD ZOOM DX	Sigma 17-70mm F2.8-4 DC Macro HSM	19132 SN1703-Z	22150 N120 Extension Ring 50 II	18802 8.5" Acrylic Dome Port			
	Sigma 17-70mm F2.8-4 DC Macro OS HSM	19133 SN17003-Z	22150 N120 Extension Ring 50 II	18802 8.5" Acrylic Dome Port			
	Sigma 17-70mm F2.8-4 DC Macro OS HSM C	19140 SN17003C-Z	22150 N120 Extension Ring 40 II	18802 8.5" Acrylic Dome Port			
STANDARD ZOOM DX	Sigma 18-35mm F1.8 DC HSM A	19146 SN18351-B-Z	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			
	Nikon AF-S NIKKOR 24-85mm F3.5-5.6G ED VR	19139 N2485-Z	22150 N120 Extension Ring 50 II	18802 8.5" Acrylic Dome Port			
	Nikon AF-S NIKKOR 28mm F1.8 D		22120 N120 Extension Ring 20 II	85206 N120/N100 WACP-1B 85201 N120 WACP-1 85205 N100 WACP-C			Lens FOV 75° Converted FOV 130°
STANDARD ZOOM DX	Nikon AF NIKKOR 28mm F2.8D		22135 N120 Extension Ring 35 II	85206 N120/N100 WACP-1B 85201 N120 WACP-1			Lens FOV 75° Converted FOV 130°
	Nikon AF NIKKOR 28-70mm F3.5-4.5D	19148 N28703-5D-Z	22135 N120 Extension Ring 35 II	85206 N120/N100 WACP-1B 85201 N120 WACP-1			Lens FOV 75.34° Converted FOV 130.59°
	Nikon AF-S NIKKOR 10-24mm F3.5-4.5G ED	19135 N1024-Z	22150 N120 Extension Ring 50 II	18802 8.5" Acrylic Dome Port			
STANDARD ZOOM DX	Nikon AF-S DX NIKKOR 12-24mm F4G IF-ED	19125 N1224-Z	22160 N120 Extension Ring 60 II	18802 8.5" Acrylic Dome Port			
	Sigma 8-18mm F4.5-6.3 DC HSM	19136 SN818-Z	22140 N120 Extension Ring 40 II	18809 180mm Optical Glass Wide Angle Port 18802 8.5" Acrylic Dome Port * 18812 230mm Optical Glass Wide Angle Port II 18815 250mm Optical Glass Wide Angle Port II			
	Sigma 10-20mm F4.5-6.3 DC HSM	19126 SN1020-Z	22140 N120 Extension Ring 40 II	18809 180mm Optical Glass Wide Angle Port 18802 8.5" Acrylic Dome Port * 18812 230mm Optical Glass Wide Angle Port II 18815 250mm Optical Glass Wide Angle Port II			
WIDE ANGLE DX	Takura AT-X 116 PRO DX AF 11-16mm F2.8	19128 TN116-Z	22150 N120 Extension Ring 50 II	18802 8.5" Acrylic Dome Port 18809 180mm Optical Glass Wide Angle Port * 18812 230mm Optical Glass Wide Angle Port II 18815 250mm Optical Glass Wide Angle Port II			
	Takura AT-X 124 AF PRO DX AF 12-24mm F4	19134 TN124-Z	22150 N120 Extension Ring 50 II	18802 8.5" Acrylic Dome Port 18809 180mm Optical Glass Wide Angle Port * 18812 230mm Optical Glass Wide Angle Port II 18815 250mm Optical Glass Wide Angle Port II			
	Nikon AF-S NIKKOR 14-24mm F2.8G ED	19131 N1424-Z	22170 N120 Extension Ring 70 II	18802 8.5" Acrylic Dome Port * 18812 230mm Optical Glass Wide Angle Port II 18815 250mm Optical Glass Wide Angle Port II			
WIDE ANGLE DX	Nikon AF-S NIKKOR 16-35mm F4G ED VR	19138 N1635-Z	22150 N120 Extension Ring 50 II	85204 N120 WACP-2 18802 8.5" Acrylic Dome Port 85206 N120/N100 WACP-1B 85201 N120 WACP-1 18809 180mm Optical Glass Wide Angle Port 85207 N120/N100 FCP-1			Lens FOV 105.63° Converted FOV 128.72° On DX Sensor Lens FOV 75.45° Converted FOV 130.78° Zoom Range 18-35mm On Full Frame Sensor Lens FOV 75.43° Converted FOV 130.109° Zoom Range 28-35mm
	Nikon AF-S 17-35mm F2.8G IF-ED	19130 N1735-Z	22140 N120 Extension Ring 40 II	85204 N120 WACP-2 18802 8.5" Acrylic Dome Port 85206 N120/N100 WACP-1B 85201 N120 WACP-1 18809 180mm Optical Glass Wide Angle Port 85207 N120/N100 FCP-1			Lens FOV 104.63° Converted FOV 123.72° On DX Sensor Lens FOV 75.45° Converted FOV 130.78° Zoom Range 18-35mm On Full Frame Sensor Lens FOV 75.43° Converted FOV 130.109° Zoom Range 28-35mm
	Nikon AF-S 17-35mm F2.8G IF-ED	19130 + 19142 N1635-Z + N1855F	22140 + 22131 N120 Extension Ring 40 II + Focus Knob	85204 N120 WACP-2 18802 8.5" Acrylic Dome Port 85206 N120/N100 WACP-1B 85201 N120 WACP-1 18809 180mm Optical Glass Wide Angle Port 85207 N120/N100 FCP-1			Lens FOV 105.63° Converted FOV 128.72° On DX Sensor Lens FOV 75.45° Converted FOV 130.78° Zoom Range 18-35mm On Full Frame Sensor Lens FOV 75.43° Converted FOV 130.109° Zoom Range 28-35mm
WIDE ANGLE FX	Nikon AF-S 17-35mm F2.8G IF-ED	19130 N1735-Z	22140 N120 Extension Ring 40 II	85204 N120 WACP-2 18802 8.5" Acrylic Dome Port 85206 N120/N100 WACP-1B 85201 N120 WACP-1 18809 180mm Optical Glass Wide Angle Port 85207 N120/N100 FCP-1			Lens FOV 104.63° Converted FOV 123.72° On DX Sensor Lens FOV 75.45° Converted FOV 130.78° Zoom Range 18-35mm On Full Frame Sensor Lens FOV 75.43° Converted FOV 130.109° Zoom Range 28-35mm
	Nikon AF-S 17-35mm F2.8G IF-ED	19130 + 19159 N1735-Z + N1735F	22135 + 22151 N120 Extension Ring 35 II + Focus Knob	85204 N120 WACP-2 18802 8.5" Acrylic Dome Port 85206 N120/N100 WACP-1B 85201 N120 WACP-1 18809 180mm Optical Glass Wide Angle Port 85207 N120/N100 FCP-1			Lens FOV 104.63° Converted FOV 123.72° On DX Sensor Lens FOV 75.45° Converted FOV 130.78° Zoom Range 18-35mm On Full Frame Sensor Lens FOV 75.43° Converted FOV 130.109° Zoom Range 28-35mm
	Nikon AF-S 17-35mm F2.8G IF-ED	19130 + 19159 N1735-Z + N1735F	22150 + 22151 N120 Extension Ring 50 II + Focus Knob	85204 N120 WACP-2 18802 8.5" Acrylic Dome Port 85206 N120/N100 WACP-1B 85201 N120 WACP-1 18809 180mm Optical Glass Wide Angle Port 85207 N120/N100 FCP-1			Lens FOV 104.63° Converted FOV 123.72° On DX Sensor Lens FOV 75.45° Converted FOV 130.78° Zoom Range 18-35mm On Full Frame Sensor Lens FOV 75.43° Converted FOV 130.109° Zoom Range 28-35mm
STANDARD ZOOM FX	Sigma 12-24mm F4 DG HSM Art	19149 SN1224-Z	22150 N120 Extension Ring 50 II	85206 N120/N100 WACP-1B 85201 N120 WACP-1 18809 180mm Optical Glass Wide Angle Port * 18812 230mm Optical Glass Wide Angle Port II 18815 250mm Optical Glass Wide Angle Port II			Lens FOV 104.63° Converted FOV 123.72° On DX Sensor Lens FOV 75.45° Converted FOV 130.78° Zoom Range 18-35mm On Full Frame Sensor Lens FOV 75.43° Converted FOV 130.109° Zoom Range 28-35mm
	Sigma 14-24mm F2.8 DG HSM Art	19153 SN1424-Z	22160 N120 Extension Ring 60 II	18809 180mm Optical Glass Wide Angle Port 18802 8.5" Acrylic Dome Port * 18812 230mm Optical Glass Wide Angle Port II 18815 250mm Optical Glass Wide Angle Port II			Lens FOV 77.45° Converted FOV 130.78° On DX Sensor Lens FOV 75.43° Converted FOV 130.109° Zoom Range 28-35mm
	Sigma 20mm F4 DG HSM A		22160 N120 Extension Ring 60 II	18809 180mm Optical Glass Wide Angle Port 18802 8.5" Acrylic Dome Port * 18812 230mm Optical Glass Wide Angle Port II 18815 250mm Optical Glass Wide Angle Port II			Lens FOV 75.43° Converted FOV 130.109°
STANDARD ZOOM FX	Sigma 10mm F2.8 EX DC HSM Fisheye		22110 N120 Extension Ring 10	18810 140mm Optical Glass Fisheye Port 18811 140mm Optical Glass Fisheye Port 18802 8.5" Acrylic Dome Port * 18812 230mm Optical Glass Wide Angle Port II			140mm Optical Glass Fisheye Port 140mm Optical Glass Fisheye Port 18802 8.5" Acrylic Dome Port * 18812 230mm Optical Glass Wide Angle Port II
	Takura AT-X 107 AF DX Fisheye AF 10-17mm F3.5-4.5	19127 TN107-Z-1.4	22130 N120 Extension Ring 30 II	18810 140mm Optical Glass Fisheye Port 18802 8.5" Acrylic Dome Port * 18812 230mm Optical Glass Wide Angle Port II			140mm Optical Glass Fisheye Port 18802 8.5" Acrylic Dome Port * 18812 230mm Optical Glass Wide Angle Port II
	Takura AT-X 107 AF DX Fisheye with Aspherical 1.4x Teleplus Pro 300 DDX	19227 TN107-Z-1.4	22130 N120 Extension Ring 30 II	18810 140mm Optical Glass Fisheye Port 18802 8.5" Acrylic Dome Port * 18812 230mm Optical Glass Wide Angle Port II			140mm Optical Glass Fisheye Port 18802 8.5" Acrylic Dome Port * 18812 230mm Optical Glass Wide Angle Port II
FISHEYE FX	Nikon AF-S Fisheye NIKKOR 8-15mm F3.5-4.5E ED	19150 N815-Z	22130 N120 Extension Ring 20 II	18802 8.5" Acrylic Dome Port * 18811 140mm Optical Glass Fisheye Dome Port with Removable Shade 18812 230mm Optical Glass Wide Angle Port II 18803 4.33" Acrylic dome port			8.5" Acrylic Dome Port * 18811 140mm Optical Glass Fisheye Dome Port with Removable Shade 18812 230mm Optical Glass Wide Angle Port II 18803 4.33" Acrylic dome port
	Nikon AF-S Fisheye 8-15mm F3.5-4.5E ED with Aspherical 1.4x Teleplus Pro 300 DDX	19151 N815-Z-1.4	22140 N120 Extension Ring 40 II	18802 8.5" Acrylic Dome Port * 18811 140mm Optical Glass Fisheye Dome Port with Removable Shade 18812 230mm Optical Glass Wide Angle Port II 18803 4.33" Acrylic dome port			8.5" Acrylic Dome Port * 18811 140mm Optical Glass Fisheye Dome Port with Removable Shade 18812 230mm Optical Glass Wide Angle Port II 18803 4.33" Acrylic dome port
	Nikon AF Fisheye 14mm F2.8D		22140 N120 Extension Ring 40 II	18802 8.5" Acrylic Dome Port 18810 140mm Optical Glass Fisheye Port * 18812 230mm Optical Glass Wide Angle Port II			8.5" Acrylic Dome Port 140mm Optical Glass Fisheye Port * 18812 230mm Optical Glass Wide Angle Port II
FISHEYE FX	Sigma 15mm F2.8 EX Diagonal Fisheye	19143 SN15-F		18802 8.5" Acrylic Dome Port * 18810 140mm Optical Glass Fisheye Port 18812 230mm Optical Glass Wide Angle Port II			8.5" Acrylic Dome Port * 18810 140mm Optical Glass Fisheye Port 18812 230mm Optical Glass Wide Angle Port II

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 : 2024-07-24

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