



N120 PORT SYSTEM FOR NIKON F-MOUNT CAMERA SYSTEM

(DX & FX Format Lens)

	CAMERA LENS	GEAR	PORT BASE / PORT ADAPTOR	EXTENSION RING	PORT	MOUNT CONVERTER	WET LENS	OPTICAL PERFORMANCE
MACRO FX	Nikon AF-S Micro NIKKOR 60mm f/2.8G ED	19121 N600-F			18701 Macro Port 60	SMC/CMC Option 1 - M67 Thread 81228 M67 Spacer Ring for SMC/CMC (included in all SMC/CMC packaging)	81301 CMC-1	Max. Magnification 1.4X Working Distance 4-73mm
						SMC/CMC Option 2 - Bayonet Mount 83250 + 83214 M67 to Bayonet Mount Converter II + Bayonet Mount Adaptor for SMC/CMC	81302 CMC-2 81501 MFO-1	Max. Magnification 1.2X Working Distance 11-123mm Max. Magnification 1.1X Working Distance 12-1120mm
MACRO FX	Nikon AF-S VR Micro-NIKKOR 105mm f/2.8G 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)	81202 SMC-2	Max. Magnification 4.2X Working Distance 24-38mm
						SMC/CMC Option 2 - Bayonet Mount 83250 + 83214 M67 to Bayonet Mount Converter II + Bayonet Mount Adaptor for SMC/CMC	81501 MFO-1	Max. Magnification 1.2X Working Distance 125-1080mm
STANDARD ZOOM DX	Sigma 18-35mm F1.8 DC HSM A	19146 SN1835F1.8-Z		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)	81202 SMC-2	Max. Magnification 4.2X Working Distance 24-38mm
						SMC/CMC Option 2 - Bayonet Mount 83250 + 83214 M67 to Bayonet Mount Converter II + Bayonet Mount Adaptor for SMC/CMC	81501 MFO-1	Max. Magnification 1.2X Working Distance 125-1080mm
STANDARD ZOOM FX	Nikon AF-S NIKKOR 24-85mm f/3.5-4.5G ED VR	19139 N2485-Z		22150 N120 Extension Ring 50 II	18802 8.5" Acrylic Dome Port			On DX Sensor Lens FOV 26.5° Converted FOV 60°/100°/130°/160°
	Nikon AF-S Nikkor 28mm f/1.8 G			21320 N120 to N100 20mm Port Adaptor				
STANDARD ZOOM DX	Nikon AF Nikkor 28mm f/2.8D			22135 N120 Extension Ring 35 II				Lens FOV 75° Converted FOV 170°
	Nikon AF Nikkor 28-70mm f/3.5-4.5D	19148 N28703.5D-Z		21329 N120 to N100 29.3mm Port Adaptor				Lens FOV 75-84° Converted FOV 130-59°
WIDE ANGLE DX	Nikon AF-S DX NIKKOR 10-24mm f/3.5-4.5G ED	19135 N1024-Z		22150 N120 Extension Ring 50 II	18802 8.5" Acrylic Dome Port			Lens FOV 105.43° Converted FOV 128.72°
	Sigma 10-20mm F4-5.6 EX DC HSM	19126 SN1020-Z		22140 N120 Extension Ring 40 II	18809 180mm Optical Glass Wide Angle Port			On DX Sensor Lens FOV 75-45° Converted FOV 130-78° Zoom Range 18-35mm
WIDE ANGLE FX	Tokina AT-X 116 PRO DX AF 11-16mm f/2.8	19128 TN1116-Z		22160 N120 Extension Ring 60 II	18812 230mm Optical Glass Wide Angle Port II			On Full Frame Sensor Lens FOV 75-43° Converted FOV 130-109° Zoom Range 28-35mm
	Nikon AF-S NIKKOR 14-24mm f/2.8G ED	19131 N1424-Z		22170 N120 Extension Ring 70 II	18802 8.5" Acrylic Dome Port			On DX Sensor Lens FOV 75-45° Converted FOV 130-78° Zoom Range 18-35mm
WIDE ANGLE DX	Nikon AF-S NIKKOR 16-35mm f/4G ED VR	19138 N1635-Z		22150 N120 Extension Ring 50 II	18802 8.5" Acrylic Dome Port			On DX Sensor Lens FOV 75-44° Converted FOV 158-83° Zoom Range 20-35mm
				22170 N120 Extension Ring 70 II	18802 8.5" Acrylic Dome Port			On Full Frame Sensor Lens FOV 75-43° Converted FOV 170-122° Zoom Range 28-35mm
WIDE ANGLE FX	Nikon AF-S 17-35mm f/2.8D IF-ED	19130 N1735-Z		22130 N120 Extension Ring 30 II	18802 8.5" Acrylic Dome Port			On DX Sensor Lens FOV 75-44° Converted FOV 170-83° Zoom Range 18-35mm
				22150 N120 Extension Ring 50 II	18802 8.5" Acrylic Dome Port			On Full Frame Sensor Lens FOV 75-63° Converted FOV 170-122° Zoom Range 28-35mm
FISHEYE DX	Nikon AF-S 18-35mm f/3.5-4.5G ED	19141 N1835-Z		22140 N120 Extension Ring 40 II	18802 8.5" Acrylic Dome Port			On DX Sensor Lens FOV 77-45° Converted FOV 130-78°
				22160 N120 Extension Ring 60 II	18802 8.5" Acrylic Dome Port			On Full Frame Sensor Lens FOV 75-43° Converted FOV 130-109°
FISHEYE FX	Sigma 14-24mm F2.8 DG HSM Art	19153 SN1424A-Z		22170 N120 Extension Ring 70 II	18802 8.5" Acrylic Dome Port			On DX Sensor Lens FOV 75-44° Converted FOV 170-83° Zoom Range 18-35mm
				22160 N120 Extension Ring 60 II	18802 8.5" Acrylic Dome Port			On Full Frame Sensor Lens FOV 75-63° Converted FOV 170-122° Zoom Range 28-35mm
FISHEYE DX	Sigma 10mm F2.8 EX DC HSM Fisheye				18802 8.5" Acrylic Dome Port			On DX Sensor Lens FOV 75-44° Converted FOV 170-83° Zoom Range 18-35mm
								On Full Frame Sensor Lens FOV 75-63° Converted FOV 170-122° Zoom Range 28-35mm
FISHEYE FX	Nikon AF-S Fisheye NIKKOR 8-15mm f/3.5-4.5E ED	19150 N815-Z		22120 N120 Extension Ring 20 II	18802 8.5" Acrylic Dome Port			On DX Sensor Lens FOV 75-44° Converted FOV 170-83° Zoom Range 18-35mm
				22130 N120 Extension Ring 30 II	18803 4.33" Acrylic dome port			On Full Frame Sensor Lens FOV 75-63° Converted FOV 170-122° Zoom Range 28-35mm
FISHEYE FX	Nikon AF-S Fisheye 8-15mm f/3.5-4.5E ED teleplus Pro 300 DX	19151 N815Z+1.4		22140 N120 Extension Ring 40 II	18802 8.5" Acrylic Dome Port			On DX Sensor Lens FOV 75-44° Converted FOV 170-83° Zoom Range 18-35mm
				22150 N120 Extension Ring 50 II	18803 4.33" Acrylic dome port			On Full Frame Sensor Lens FOV 75-63° Converted FOV 170-122° Zoom Range 28-35mm
FISHEYE FX	Nikon AF Fisheye 16mm f/2.8D				18802 8.5" Acrylic Dome Port			On DX Sensor Lens FOV 75-44° Converted FOV 170-83° Zoom Range 18-35mm
								On Full Frame Sensor Lens FOV 75-63° Converted FOV 170-122° Zoom Range 28-35mm

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