



N120 PORT SYSTEM FOR CANON EF-MOUNT CAMERA SYSTEM

(APS-C & Full Frame Format Lens)

	CAMERA LENS	GEAR	PORT BASE / PORT ADAPTOR	EXTENSION RING	PORT	MOUNT CONVERTER	WET LENS	OPTICAL PERFORMANCE
MACRO FULL FRAME	Canon EF 40mm f/2.8 STM <i>* This setup can only be used on APS-C sensor camera</i>				18706 Macro Port 12	83250 M67 to Bayonet Mount Converter II <i>(included in all MWC-1 packaging)</i>	86201 MWC - 1	On APS-C Sensor Lens FOV Converted FOV 37° 135°
	Canon EF 100mm f2.8 Macro USM	19522 C100-F			18702 Macro Port 87	SMC/CMC Option 1 - M67 Thread 81220 M67 Spacer Ring for SMC/CMC <i>(included in all SMC/CMC packaging)</i>	81202 SMC - 2	Max. Magnification Working Distance 4.3X 28-38mm
						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		87301 EMWL Set #1	Lens FOV Converted FOV 24° 66°/100°/130°/160°
	Canon EF 100mm f2.8L Macro IS USM	19523 C100S-F			18703 Macro Port 94	SMC/CMC Option 1 - M67 Thread 81220 M67 Spacer Ring for SMC/CMC <i>(included in all SMC/CMC packaging)</i>	81202 SMC - 2	Max. Magnification Working Distance 3.6X 22-36mm
STANDARD ZOOM APS-C						SMC/CMC Option 2 - Bayonet Mount 83250 + 83214 M67 to Bayonet Mount Converter II + Bayonet Mount Adaptor for SMC/CMC	81203 SMC - 3	Max. Magnification Working Distance 2.2X 46-97mm
							81501 MFC-1	Max. Magnification Working Distance 1.2X 103-1072mm
						83250 M67 to Bayonet Mount Converter II	87302 EMWL Set #2	Lens FOV Converted FOV 23.4° 66°/100°/130°/160°
	Sigma 105mm F2.8 EX DG OS HSM Macro	19553 SC105-F		22130 N120 Extension Ring 30 II	18701 Macro Port 60	SMC/CMC Option 1 - M67 Thread 81220 M67 Spacer Ring for SMC/CMC <i>(included in all MWC-1 packaging)</i>	81202 SMC - 2	Max. Magnification Working Distance 3.3X 31-38mm
						SMC/CMC Option 2 - Bayonet Mount 83250 + 83214 M67 to Bayonet Mount Converter II + Bayonet Mount Adaptor for SMC/CMC		
STANDARD ZOOM FULL FRAME						83250 M67 to Bayonet Mount Converter II	87301 EMWL Set #1	Lens FOV Converted FOV 24° 66°/100°/130°/160°
	Canon EF-S 18-135mm f/3.5-5.6 IS	19524 C18135S-Z		22160 N120 Extension Ring 60 II	18802 8.5" Acrylic Dome Port			
	Sigma 17-70mm F2.8-4.5 DC Macro	19533 SC1770-Z		22150 N120 Extension Ring 50 II	18802 8.5" Acrylic Dome Port			
	Canon EF 24mm f/1.4L II USM			22140 N120 Extension Ring 40 II	18802 8.5" Acrylic Dome Port			
	Canon EF 24-70mm f2.8L II USM	19543 C2470-Z		22170 N120 Extension Ring 70 II	18802 8.5" Acrylic Dome Port			
STANDARD ZOOM FULL FRAME	Canon EF 24-70mm f/4L IS USM	19544 C24704-Z		22170 N120 Extension Ring 70 II	18802 8.5" Acrylic Dome Port			
	Canon EF 24-105mm f/4L IS USM	19545 C24105-Z		22170 N120 Extension Ring 70 II	18802 8.5" Acrylic Dome Port			
	Canon EF 24-105mm f/4L IS II USM	19562 C24105II-Z		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			
STANDARD ZOOM FULL FRAME				22190 N120 Extension Ring 90 II	18815 250mm Optical Glass Wide Angle Port II			
	Canon EF 28mm f/1.8 USM				★ 85206 N120/N100 WACP - 1B			Lens FOV Converted FOV 75° 130°
				22110 N120 Extension Ring 10 II	85207 N120/N100 FCP - 1			Lens FOV Converted FOV 75° 170°
	Canon EF 28mm f/2.8 USM				★ 85206 N120/N100 WACP - 1B			Lens FOV Converted FOV 75° 130°
	Canon EF 28-70mm f/3.5-4.5 II	19557 C28703-SII-Z		22125 N120 Extension Ring 25 II	★ 85206 N120/N100 WACP - 1B			Lens FOV Converted FOV 72-34° 130-39°
STANDARD ZOOM FULL FRAME				21325 N120 to N100 25mm Port Adaptor	85205 N100 WACP - C			★ slight vignetting when focus distance from port to subject is less than 10cm at 28mm
				22135 N120 to N100 25mm Port Adaptor	85207 N120/N100 FCP - 1			★ slight vignetting at 28mm – 37mm
	Canon EF 28-80mm f/3.5-5.6 II	19557 + 19566 C28703-SII-Z + C28703-SII-F		22130 + 22131 N120 Extension Ring 30 II + Focus Knob	★ 85206 N120/N100 WACP - 1B			Lens FOV Converted FOV Zoom Range 72-34° 125-59° 30-70mm
				22110 N120 Extension Ring 10	18705 Macro Port 45	83250 M67 to Bayonet Mount Converter II <i>(included in all MWC-1 packaging)</i>	86201 MWC - 1	Lens FOV Converted FOV Zoom Range 36-30° 135-113° 66-80mm
				22110 N120 Extension Ring 10 II	18705 Macro Port 45	83250 M67 to Bayonet Mount Converter II <i>(included in all MWC-1 packaging)</i>		
STANDARD ZOOM FULL FRAME				22130 N120 Extension Ring 30 II	★ 85206 N120/N100 WACP - 1B			Lens FOV Converted FOV 75-30° 130-54°
				21325 N120 to N100 25mm Port Adaptor	85205 N100 WACP - C			★ slight vignetting when focus distance from port to subject is less than 10cm at 28mm
	Canon EF 28-80mm f/3.5-5.6 V USM	19559 C28803-SII-Z		22110 N120 Extension Ring 10	18705 Macro Port 45	83250 M67 to Bayonet Mount Converter II <i>(included in all MWC-1 packaging)</i>	86201 MWC - 1	Lens FOV Converted FOV Zoom Range 37.5-30° 135-92° 63-80mm
				22110 N120 Extension Ring 10 II	18705 Macro Port 45	83250 M67 to Bayonet Mount Converter II <i>(included in all MWC-1 packaging)</i>		
				22130 N120 Extension Ring 30 II	★ 85206 N120/N100 WACP - 1B			Lens FOV Converted FOV 75-31° 130-54°
STANDARD ZOOM FULL FRAME				21325 N120 to N100 25mm Port Adaptor	85205 N100 WACP - C			★ slight vignetting when focus distance from port to subject is less than 10cm at 28mm
	Canon EF 28-80mm f/3.5-5.6 V USM	19559 C28803-SII-Z		22110 N120 Extension Ring 10	18705 Macro Port 45	83250 M67 to Bayonet Mount Converter II <i>(included in all MWC-1 packaging)</i>	86201 MWC - 1	Lens FOV Converted FOV Zoom Range 37.5-30° 135-92° 63-80mm
				22110 N120 Extension Ring 10 II	18705 Macro Port 45	83250 M67 to Bayonet Mount Converter II <i>(included in all MWC-1 packaging)</i>		
				22130 N120 Extension Ring 30 II	★ 85206 N120/N100 WACP - 1B			Lens FOV Converted FOV 75-31° 130-54°
				21325 N120 to N100 25mm Port Adaptor	85205 N100 WACP - C			★ slight vignetting when focus distance from port to subject is less than 10cm at 28mm
STANDARD ZOOM FULL FRAME	Canon EF 35mm f/2 IS USM				★ 85206 N120/N100 WACP - 1B			Lens FOV Converted FOV 63° 109°
	Canon EF-S 10-18mm f/4.5-5.6 IS STM	19549 C1018-Z			85204 N120 WACP - 2			Lens FOV Converted FOV 108-75° 128-85°
				22140 N120 Extension Ring 40 II	18809 180mm Optical Glass Wide Angle Port			
				22150 N120 Extension Ring 50 II	18802 8.5" Acrylic Dome Port			
					18809 180mm Optical Glass Wide Angle Port			
WIDE ANGLE APS-C					★ 18812 230mm Optical Glass Wide Angle Port II			
	Canon EF-S 10-22mm f/3.5-5.6 IS STM	19520 C1022-Z		22110 N120 Extension Ring 10	85204 N120 WACP - 2			Lens FOV Converted FOV 108-63° 128-72°
				22110 N120 Extension Ring 10 II	85204 N120 WACP - 2			★ This setup is only compatible with WACP-2 before SNA526311
				22150 N120 Extension Ring 50 II	18809 180mm Optical Glass Wide Angle Port			★ This setup is only compatible with WACP-2 SNA526311 onwards
				22160 N120 Extension Ring 60 II	18802 8.5" Acrylic Dome Port			
WIDE ANGLE FULL FRAME					18809 180mm Optical Glass Wide Angle Port			
					★ 18812 230mm Optical Glass Wide Angle Port II			
	Sigma 10-20mm f4.5-6.4 EX DC HSM	19535 SC1020-Z		22140 N120 Extension Ring 40 II	18809 180mm Optical Glass Wide Angle Port			
				22150 N120 Extension Ring 50 II	18802 8.5" Acrylic Dome Port			
					18812 230mm Optical Glass Wide Angle Port II			
WIDE ANGLE FULL FRAME					★ 18815 250mm Optical Glass Wide Angle Port II			
	Takina AT-X 116 PRO DX AF 11-16mm f/2.8	19530 TC1116-Z		22110 N120 Extension Ring 10	85204 N120 WACP - 2			Lens FOV Converted FOV 110-81° 130-92°
				22110 N120 Extension Ring 10 II	85204 N120 WACP - 2			★ This setup is only compatible with WACP-2 before SNA526311
				22160 N120 Extension Ring 60 II	18802 8.5" Acrylic Dome Port			★ This setup is only compatible with WACP-2 SNA526311 onwards
					18809 180mm Optical Glass Wide Angle Port			
WIDE ANGLE FULL FRAME					18812 230mm Optical Glass Wide Angle Port II			
					★ 18815 250mm Optical Glass Wide Angle Port II			
	Takina AT-X 124 AF PRO DX AF 12-24mm f/4	19531 TC1224-Z		22150 N120 Extension Ring 50 II	18802 8.5" Acrylic Dome Port			
				22160 N120 Extension Ring 60 II	18809 180mm Optical Glass Wide Angle Port			
					18812 230mm Optical Glass Wide Angle Port II			
WIDE ANGLE FULL FRAME					★ 18815 250mm Optical Glass Wide Angle Port II			
	Canon EF 16-35mm f/2.8 II USM	19527 C1635-Z		22130 N120 Extension Ring 30 II	★ 85204 N120 WACP - 2			Lens FOV Converted FOV 107-63° 128-72°
				22170 N120 Extension Ring 70 II	18802 8.5" Acrylic Dome Port			
					18809 180mm Optical Glass Wide Angle Port			
				22180 N120 Extension Ring 80 II	18812 230mm Optical Glass Wide Angle Port II			
WIDE ANGLE FULL FRAME					★ 18815 250mm Optical Glass Wide Angle Port II			
	Canon EF 16-35mm f/2.8 III USM	19554 C1635II-Z		22150 N120 Extension Ring 50 II	★ 85204 N120 WACP - 2			Lens FOV Converted FOV 107-63° 128-72°
				22170 N120 Extension Ring 70 II	85206 N120/N100 WACP - 1B			On APS-C Sensor Lens FOV Converted FOV 80-43° 138-74°
				22180 N120 Extension Ring 80 II	18809 180mm Optical Glass Wide Angle Port			On Full Frame Sensor Lens FOV Converted FOV Zoom Range 75-63° 130-109° 28-35mm
WIDE ANGLE FULL FRAME	Canon EF 16-35mm f/4 IS USM	19548 C1635II4-Z		22130 N120 Extension Ring 30 II	★ 85204 N120 WACP - 2			Lens FOV Converted FOV 108-63° 128-72°
				22160 N120 Extension Ring 60 II	85206 N120/N100 WACP - 1B			On APS-C Sensor Lens FOV Converted FOV 80-43° 138-74°
				22170 N120 Extension Ring 70 II	18802 8.5" Acrylic Dome Port			
					18809 180mm Optical Glass Wide Angle Port			
					85207 N120/N100 FCP - 1			On APS-C Sensor Lens FOV Converted FOV Zoom Range 75-42° 170-78° 18-35mm
FISHEYE APS-C								On Full Frame Sensor Lens FOV Converted FOV Zoom Range 75-63° 170-122° 28-35mm
				22180 N120 Extension Ring 80 II	★ 18812 230mm Optical Glass Wide Angle Port II			
					18815 250mm Optical Glass Wide Angle Port II			
	Sigma 14mm F1.8 DG HSM Art	19563 SC14A-F		22170 N120 Extension Ring 70 II	18802 8.5" Acrylic Dome Port			
				★ This setup is not compatible with Extension Rings / before SN-A201566	★ 18812 230mm Optical Glass Wide Angle Port II			
FISHEYE FULL FRAME	Sigma 20mm F1.4 DG HSM A			22160 N120 Extension Ring 60 II	18809 180mm Optical Glass Wide Angle Port			
				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			
	ZBSS Milvus 18mm f/2.8 ZE	16329 ZMCF		22155 N120 Extension Ring 55 II	18809 180mm Optical Glass Wide Angle Port			
FISHEYE FULL FRAME					★ 18812 230mm Optical Glass Wide Angle Port II			
	ZBSS Milvus 21mm f/2.8 ZE	16329 ZMCF		22150 N120 Extension Ring 50 II	18809 180mm Optical Glass Wide Angle Port			
					★ 18812 230mm Optical Glass Wide Angle Port II			
FISHEYE FULL FRAME	Sigma 10mm F2.8 EX DG HSM Fisheye				18802 8.5" Acrylic Dome Port			
	Takina AT-X 107 AF DX Fisheye AF 10-17mm f2.3-4.5 with Kenko TELEPLUS HD pro 1.4x DGX Teleconverter for Canon EF	19529 TC1017-Z		22110 N120 Extension Ring 10	★ 18810 140mm Optical Glass Fisheye Port			★ This setup is only compatible with 18810 before SNA490446
				22110 N120 Extension Ring 10 II	★ 18810 140mm Optical Glass Fisheye Port			★ This setup is only compatible with 18810 SNA490446 onwards
				22120 N120 Extension Ring 20 II	18802 8.5" Acrylic Dome Port			
					18812 230mm Optical Glass Wide Angle Port II			
FISHEYE FULL FRAME								
	Takina AT-X 107 AF DX Fisheye AF 10-17mm f2.3-4.5 with Kenko TELEPLUS HD pro 1.4x DGX Teleconverter for Canon EF	19629 TC1017-Z + 1.4X		22130 N120 Extension Ring 30 II	★ 18810 140mm Optical Glass Fisheye Port			
				22140 N120 Extension Ring 40 II	18802 8.5" Acrylic Dome Port			
					18812 230mm Optical Glass Wide Angle Port II			
FISHEYE FULL FRAME	Canon EF 8-15mm f/4L Fisheye USM	19537 C815-Z		22130 N120 Extension Ring 30 II	18802 8.5" Acrylic Dome Port			★ Shade can be removed for circular fisheye effect at 8mm
					★ 18811 140mm Optical Glass Fisheye Port with Removable Shade			★ Shade can be removed for circular fisheye effect at 8mm
					18812 230mm Optical Glass Wide Angle Port II			★ Shade can be removed for circular fisheye effect at 8mm
FISHEYE FULL FRAME								
	Canon EF 8-15mm f/4L Fisheye USM with Kenko 1.4x Teleplus Pro 300 DGX	19538 C815-Z + 1.4X		22150 N120 Extension Ring 50 II	18802 8.5" Acrylic Dome Port			★ Shade can be removed for circular fisheye effect at 8mm
					★ 18811 140mm Optical Glass Fisheye Port with Removable Shade			
					18812 230mm Optical Glass Wide Angle Port II			
FISHEYE FULL FRAME	Canon EF 15mm f/2.8 Fisheye				18802 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