



# 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 (included in all MWL-1 packaging)	86201 MWL-1	On APS-C Sensor Lens FOV Converted FOV 37° 135°
	Canon EF 100mm f/2.8 Macro USM	19522 C100-F			18702 Macro Port 87	SMC/CMC Option 1 - M67 Thread 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	81202 SMC-2	Max. Magnification Working Distance 4.3X 28-38mm
	Canon EF 100mm f/2.8L Macro IS USM	19523 C100S-F			18703 Macro Port 94	SMC/CMC Option 1 - M67 Thread M67 Spacer Ring for SMC/CMC (included in all SMC/CMC packaging) SMC/CMC Option 2 - Bayonet Mount M67 to Bayonet Mount Converter II + Bayonet Mount Adaptor for SMC/CMC 83250 M67 to Bayonet Mount Converter II	81202 SMC-2 81203 SMC-3 81501 MFD-1 81503 MFD-3	Max. Magnification Working Distance 3.6X 22-26mm Max. Magnification Working Distance 2.2X 46-97mm Max. Magnification Working Distance 1.2X 103-1072mm Max. Magnification Working Distance 0.9X 1490mm Lens FOV Converted FOV 24° 40°
	Sigma 105mm F2.8 EX DG OS HSM Macro	19553 SC105-F		21130 / 22130 N120 Extension Ring 30 / II	18701 Macro Port 60	SMC/CMC Option 1 - M67 Thread 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	81202 SMC-2	Max. Magnification Working Distance 3.2X 31-38mm
	Canon EF-S 18-135mm f/3.5-5.6 IS	19524 C18135S-Z		21160 / 22160 N120 Extension Ring 60 / II	18802 8.5" Acrylic Dome Port			
	Sigma 17-70mm F2.8-4.5 DC Macro	19533 SC1770-Z		21150 / 22150 N120 Extension Ring 50 / II	18802 8.5" Acrylic Dome Port			
	Canon EF 24mm f/1.4L USM			21160 / 22160 N120 Extension Ring 40 / II	18802 8.5" Acrylic Dome Port			
	Canon EF 24-70mm f/2.8L IS USM	19543 C24704-Z		21170 / 22170 N120 Extension Ring 70 / II	18802 8.5" Acrylic Dome Port			
	Canon EF 24-70mm f/4L IS USM	19544 C24704-Z		21170 / 22170 N120 Extension Ring 70 / II	18802 8.5" Acrylic Dome Port			
	Canon EF 24-105mm f/4L IS USM	19545 C24105-Z		21170 / 22170 N120 Extension Ring 70 / II	18802 8.5" Acrylic Dome Port			
	Canon EF 24-105mm f/4L IS II USM	19562 C24105-Z		21170 / 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 18815 250mm Optical Glass Wide Angle Port II			
	Canon EF 28mm f/1.8 USM				* 85206 N120/N100 WACP-18 22110 N120 Extension Ring 10 II	85207 N120/N100 FCP-1		Lens FOV Converted FOV 75° 130°
Canon EF 28mm f/2.8 USM				* 85206 N120/N100 WACP-18			Lens FOV Converted FOV 75° 130°	
Canon EF 28-70mm f/3.5-5.6 II	19557 C28703.SR-Z		21125 / 22125 N120 Extension Ring 25 / II	* 85206 N120/N100 WACP-18 21325 N120 to N100 25mm Port Adaptor 21335 / 22135 N120 Extension Ring 35 / II	85207 N120/N100 FCP-1 * slight vignetting when focus distance from port to subject is less than 10mm at 28mm * slight vignetting at 28mm - 31mm		Lens FOV Converted FOV 72-34° 130-59° 75-34° 170-62°	
Canon EF 28mm f/2.8 IS II	19558 C28803.SR-Z		21110 N120 Extension Ring 10	18705 Macro Port 45 * This setup is only compatible with 18705 before SN.A354081 onwards 22110 N120 Extension Ring 10 II 21130 / 22130 N120 Extension Ring 30 / II 21325 N120 to N100 25mm Port Adaptor	83250 M67 to Bayonet Mount Converter II (included in all MWL-1 packaging) 18705 Macro Port 45 * This setup is only compatible with 18705 before SN.A354081 onwards * 85206 N120/N100 WACP-18 85205 N100 WACP-C * slight vignetting when focus distance from port to subject is less than 10mm at 28mm	86201 MWL-1	Lens FOV Converted FOV Zoom Range 36-30° 135-113° 66-80mm	
Canon EF 28-80mm f/3.5-5.6 V USM	19559 C28803.SR-Z		21110 N120 Extension Ring 10	18705 Macro Port 45 * This setup is only compatible with 18705 before SN.A354081 onwards 22110 N120 Extension Ring 10 II 21130 / 22130 N120 Extension Ring 30 / II 21325 N120 to N100 25mm Port Adaptor	83250 M67 to Bayonet Mount Converter II (included in all MWL-1 packaging) 18705 Macro Port 45 * This setup is only compatible with 18705 before SN.A354081 onwards * 85206 N120/N100 WACP-18 85205 N100 WACP-C 85207 N120/N100 FCP-1 * slight vignetting at 28mm - 31mm	86201 MWL-1	Lens FOV Converted FOV Zoom Range 37.5-30° 139-93° 63-80mm	
Canon EF 35mm f/2 IS USM				* 85206 N120/N100 WACP-18			Lens FOV Converted FOV 63° 109°	
STANDARD ZOOM APS-C	Canon EF-S 10-18mm f/4.5-5.6 IS STM	19549 C1018-Z		21160 / 22160 N120 Extension Ring 40 / II	18809 180mm Optical Glass Wide Angle Port 18802 8.5" Acrylic Dome Port 18809 180mm Optical Glass Wide Angle Port * 18812 230mm Optical Glass Wide Angle Port II			Lens FOV Converted FOV 108-75° 128-85°
	Canon EF-S 10-22mm f/3.5-4.5 IS STM	19525 C1022-Z		21110 N120 Extension Ring 10 22110 N120 Extension Ring 10 II 21150 / 22150 N120 Extension Ring 50 / II	* 85204 N120 WACP-2 * This setup is only compatible with WACP-2 before SN.A526311 * 85204 N120 WACP-2 * This setup is only compatible with WACP-2 SN.A526311 onwards		Lens FOV Converted FOV 108-63° 128-72°	
	Sigma 10-20mm f/4.5-5.6 DC HSM	19535 SC100S-Z		21140 / 22140 N120 Extension Ring 40 / II	18809 180mm Optical Glass Wide Angle Port 18802 8.5" Acrylic Dome Port 18809 180mm Optical Glass Wide Angle Port * 18812 230mm Optical Glass Wide Angle Port II			
	Tokina AT-X 116 PRO DX AF 11-16mm f/2.8	19530 TC1116-Z		21110 N120 Extension Ring 10 22110 N120 Extension Ring 10 II 21160 / 22160 N120 Extension Ring 60 / II	* 85204 N120 WACP-2 * This setup is only compatible with WACP-2 before SN.A526311 * 85204 N120 WACP-2 * This setup is only compatible with WACP-2 SN.A526311 onwards 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		Lens FOV Converted FOV 110-81° 135-92°	
	Tokina AT-X 124 AF PRO DX AF 12-24mm f/4	19531 TC1224-Z		21150 / 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			
	Canon EF 16-35mm f/2.8 II USM	19527 C1635-Z		21130 / 22130 N120 Extension Ring 30 / II	* 85204 N120 WACP-2		Lens FOV Converted FOV 107-63° 128-72°	
	Canon EF 16-35mm f/2.8 III USM	19554 C1635S-Z		21150 / 22150 N120 Extension Ring 50 / II	* 85204 N120 WACP-2		Lens FOV Converted FOV 107-63° 128-72°	
	Canon EF 16-35mm f/4 IS USM	19546 C16354-Z		21130 / 22130 N120 Extension Ring 30 / 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		Lens FOV Converted FOV 108-63° 128-72°	
	Canon EF 16-35mm f/4 IS USM	19546 C16354-Z		21160 / 22160 N120 Extension Ring 60 / 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		Lens FOV Converted FOV 108-63° 128-72°	
	Sigma 14mm F1.8 DG HSM   Art	19563 SC14-F		21170 / 22170 N120 Extension Ring 70 / II	18802 8.5" Acrylic Dome Port * This setup is not compatible with Extension Rings I before SN.A201916	* 18812 230mm Optical Glass Wide Angle Port II		On APS-C Sensor Lens FOV Converted FOV 80-43° 138-74°
	Sigma 20mm F1.4 DG HSM   A			21160 / 22160 N120 Extension Ring 60 / II	18809 180mm Optical Glass Wide Angle Port		On APS-C Sensor Lens FOV Converted FOV Zoom Range 75-42° 170-78° 18-35mm	
	ZEISS Milvus 18mm f/2.8 ZE	16329 ZMC-F		21155 / 22155 N120 Extension Ring 55 / II	18809 180mm Optical Glass Wide Angle Port * 18812 230mm Optical Glass Wide Angle Port II		On Full Frame Sensor Lens FOV Converted FOV Zoom Range 75-43° 170-122° 28-35mm	
ZEISS Milvus 21mm f/2.8 ZE	16329 ZMC-F		21150 / 22150 N120 Extension Ring 50 / II	18809 180mm Optical Glass Wide Angle Port * 18812 230mm Optical Glass Wide Angle Port II		On Full Frame Sensor Lens FOV Converted FOV Zoom Range 75-43° 170-122° 28-35mm		
FISHEYE APS-C	Sigma 10mm f/2.8 EX DC HSM Fisheye				18802 8.5" Acrylic Dome Port			
	Tokina AT-X 107 AF DX Fisheye AF 10-17mm f/3.5-4.5	19629 TC1017-Z		22110 N120 Extension Ring 10 II	* 18811 140mm Optical Glass Fisheye Dome Port with Removable Shade 18802 8.5" Acrylic Dome Port 18812 230mm Optical Glass Wide Angle Port II			
	Tokina AT-X 107 AF DX Fisheye AF 10-17mm f/3.5-4.5 with Kenko TELEPLUS HD pro 1.4x DGX Teleconverter for Canon EF	19629 TC1017-Z + 1.4X		21130 / 22130 N120 Extension Ring 30 / II	18811 140mm Optical Glass Fisheye Dome Port with Removable Shade 22110 N120 Extension Ring 10 II	* 18816 140mm Optical Glass Fisheye Dome Port with Removable Shade II		
	Canon EF 8-15mm f/4L Fisheye USM	19537 C815-Z		21130 / 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 * 18815 250mm Optical Glass Wide Angle Port II		On APS-C Sensor Lens FOV Converted FOV Zoom Range 75-42° 170-78° 18-35mm	
	Canon EF 8-15mm f/4L Fisheye USM with Kenko 1.4x Teleplus Pro 300 DGX	19538 C815-Z + 1.4X		21150 / 22150 N120 Extension Ring 50 / II	18802 8.5" Acrylic Dome Port 18811 140mm Optical Glass Fisheye Port with Removable Shade 18812 230mm Optical Glass Wide Angle Port II		On APS-C Sensor Lens FOV Converted FOV Zoom Range 75-43° 170-122° 28-35mm	
	Canon EF 15mm f/2.8 Fisheye				18802 8.5" Acrylic Dome Port 18811 140mm Optical Glass Fisheye Dome Port with Removable Shade 18812 230mm Optical Glass Wide Angle Port II			
	Canon EF 15mm f/2.8 Fisheye				18802 8.5" Acrylic Dome Port 18811 140mm Optical Glass Fisheye Dome Port with Removable Shade 18812 230mm Optical Glass Wide Angle Port II			
	Canon EF 15mm f/2.8 Fisheye				18802 8.5" Acrylic Dome Port 18811 140mm Optical Glass Fisheye Dome Port with Removable Shade 18812 230mm Optical Glass Wide Angle Port II			
	Canon EF 15mm f/2.8 Fisheye				18802 8.5" Acrylic Dome Port 18811 140mm Optical Glass Fisheye Dome Port with Removable Shade 18812 230mm Optical Glass Wide Angle Port II			
	Canon EF 15mm f/2.8 Fisheye				18802 8.5" Acrylic Dome Port 18811 140mm Optical Glass Fisheye Dome Port with Removable Shade 18812 230mm Optical Glass Wide Angle Port II			
	Canon EF 15mm f/2.8 Fisheye				18802 8.5" Acrylic Dome Port 18811 140mm Optical Glass Fisheye Dome Port with Removable Shade 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