



# N120 PORT SYSTEM FOR CANON EF-MOUNT CAMERA SYSTEM

(APS-C & Full Frame Mount Lenses)

CAMERA LENS	GEAR	PORT BASE / PORT ADAPTOR	EXTENSION RING	PORT	MOUNT CONVERTER	WET LENS	OPTICAL PERFORMANCE
Canon EF 40mm f2.8 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 MWL-1 packaging)</i>	86201 MWL-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/C/MC Option 1 - M57 Thread M67 to Bayonet Mount Converter II <i>(included in all SMC/C/MC packaging)</i>	81202 SMC-2	Max. Magnification Working Distance 4.3X 28-38mm
Canon EF 100mm f2.8L Macro IS USM	19523 C100FS-F			18703 Macro Port 94	SMC/C/MC Option 1 - M57 Thread M67 to Bayonet Mount Converter II <i>(included in all SMC/C/MC packaging)</i>	81202 SMC-2	Max. Magnification Working Distance 3.6X 22-36mm
Canon EF 100mm f2.8L Macro IS USM	19523 C100FS-F			18703 Macro Port 94	SMC/C/MC Option 2 - Bayonet Mount M67 to Bayonet Mount Converter II + Bayonet Mount Adaptor for SMC/C/MC	81203 SMC-3	Max. Magnification Working Distance 2.2X 46-67mm
Canon EF 100mm f2.8L Macro IS USM	19523 C100FS-F			18703 Macro Port 94	SMC/C/MC Option 2 - Bayonet Mount M67 to Bayonet Mount Converter II + Bayonet Mount Adaptor for SMC/C/MC	81501 MFG-1	Max. Magnification Working Distance 1.2X 103-1072mm
Canon EF 100mm f2.8L Macro IS USM	19523 C100FS-F			18703 Macro Port 94	SMC/C/MC Option 2 - Bayonet Mount M67 to Bayonet Mount Converter II	87302 EMWL Set #2	Lens FOV Converted FOV 23.4° 60°/100°/130°/160°
Sigma 105mm f2.8 EX DG OS HSM Macro	19553 SC150-F		22130 N120 Extension Ring 30 II	18701 Macro Port 60	SMC/C/MC Option 1 - M57 Thread M67 to Bayonet Mount Converter II <i>(included in all SMC/C/MC packaging)</i>	81202 SMC-2	Max. Magnification Working Distance 3.3X 31-38mm
Sigma 105mm f2.8 EX DG OS HSM Macro	19553 SC150-F		22130 N120 Extension Ring 30 II	18701 Macro Port 60	SMC/C/MC Option 2 - Bayonet Mount M67 to Bayonet Mount Converter II + Bayonet Mount Adaptor for SMC/C/MC	81202 SMC-2	Max. Magnification Working Distance 3.3X 31-38mm
Sigma 105mm f2.8 EX DG OS HSM Macro	19553 SC150-F		22130 N120 Extension Ring 30 II	18701 Macro Port 60	SMC/C/MC Option 2 - Bayonet Mount M67 to Bayonet Mount Converter II	87301 EMWL Set #1	Lens FOV Converted FOV 24° 60°/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 USM			22140 N120 Extension Ring 40 II	18802 8.5" Acrylic Dome Port			
Canon EF 24-70mm f/2.8L II USM	19543 C2470H-Z		22170 N120 Extension Ring 70 II	18802 8.5" Acrylic Dome Port			
Canon EF 24-70mm f/4L IS USM	19544 C2470F4-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	19542 C24105H-Z		22170 N120 Extension Ring 70 II	18802 8.5" Acrylic Dome Port			
Canon EF 28mm f/1.8 USM			22110 N120 Extension Ring 10 II	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			22110 N120 Extension Ring 10 II	18809 180mm Optical Glass Wide Angle Port 18812 230mm Optical Glass Wide Angle Port II 18815 250mm Optical Glass Wide Angle Port II	85206 N120/N100 WACP-1B	Lens FOV Converted FOV 75° 130°	
Canon EF 28mm f/2.8 USM			22110 N120 Extension Ring 10 II	18809 180mm Optical Glass Wide Angle Port 18812 230mm Optical Glass Wide Angle Port II 18815 250mm Optical Glass Wide Angle Port II	85206 N120/N100 WACP-1B	Lens FOV Converted FOV 75° 130°	
Canon EF 28-70mm f/3.5-5.6 IS	19557 C2870FS SH-Z	22125 N120 Extension Ring 25 II	22135 N120 Extension Ring 35 II	18809 180mm Optical Glass Wide Angle Port 18812 230mm Optical Glass Wide Angle Port II 18815 250mm Optical Glass Wide Angle Port II	85206 N120/N100 WACP-1B 85205 N100 WACP-C <i>* slight vignetting when focus distance from port to subject is less than 10cm at 28mm</i>	Lens FOV Converted FOV 75-34° 130-59°	
Canon EF 28-70mm f/3.5-5.6 IS	19557 + 19566 C2870FS SH-Z + C2870FS SH-F	22130 + 22131 N120 Extension Ring 30 II + Focus Knob	22135 N120 Extension Ring 35 II	18809 180mm Optical Glass Wide Angle Port 18812 230mm Optical Glass Wide Angle Port II 18815 250mm Optical Glass Wide Angle Port II	85206 N120/N100 WACP-1B 85205 N100 WACP-C <i>* slight vignetting at 28mm - 31mm</i>	Lens FOV Converted FOV Zoom Range 72-34° 125-59° 30-70mm	
Canon EF 28-80mm f/3.5-5.6 IS	19558 C2880FS SH-Z		22130 N120 Extension Ring 30 II	18809 180mm Optical Glass Wide Angle Port 18812 230mm Optical Glass Wide Angle Port II 18815 250mm Optical Glass Wide Angle Port II	85206 N120/N100 WACP-1B 85205 N100 WACP-C <i>* slight vignetting when focus distance from port to subject is less than 10cm at 28mm</i>	Lens FOV Converted FOV Zoom Range 75-30° 135-113° 66-80mm	
Canon EF 28-80mm f/3.5-5.6 IS	19558 C2880FS SH-Z		22130 N120 Extension Ring 30 II	18809 180mm Optical Glass Wide Angle Port 18812 230mm Optical Glass Wide Angle Port II 18815 250mm Optical Glass Wide Angle Port II	85206 N120/N100 WACP-1B 85205 N100 WACP-C <i>* slight vignetting at 28mm - 31mm</i>	Lens FOV Converted FOV Zoom Range 75-30° 135-113° 66-80mm	
Canon EF 28-80mm f/3.5-5.6 IS USM	19559 C2880FS 5V-Z		22130 N120 Extension Ring 30 II	18809 180mm Optical Glass Wide Angle Port 18812 230mm Optical Glass Wide Angle Port II 18815 250mm Optical Glass Wide Angle Port II	85206 N120/N100 WACP-1B 85205 N100 WACP-C <i>* slight vignetting at 28mm - 31mm</i>	Lens FOV Converted FOV Zoom Range 75-31° 130-54°	
Canon EF 28-80mm f/3.5-5.6 IS USM	19559 C2880FS 5V-Z		22130 + 22130 N120 Extension Ring 10 II + N120 Extension Ring 30 II	18809 180mm Optical Glass Wide Angle Port 18812 230mm Optical Glass Wide Angle Port II 18815 250mm Optical Glass Wide Angle Port II	85206 N120/N100 WACP-1B 85205 N100 WACP-C <i>* slight vignetting at 28mm - 31mm</i>	Lens FOV Converted FOV Zoom Range 75-34° 170-62°	
Canon EF 35mm f/2 IS USM			22110 N120 Extension Ring 10 II	18809 180mm Optical Glass Wide Angle Port 18812 230mm Optical Glass Wide Angle Port II 18815 250mm Optical Glass Wide Angle Port II	85206 N120/N100 WACP-1B	Lens FOV Converted FOV 63° 109°	
Canon EF-C 10-18mm f/4.5-5.6 IS STM	19549 C1018-Z		22140 N120 Extension Ring 40 II	18809 180mm Optical Glass Wide Angle Port 18812 230mm Optical Glass Wide Angle Port II 18815 250mm Optical Glass Wide Angle Port II	85204 N120 WACP-2	Lens FOV Converted FOV 108-75° 128-85°	
Canon EF-C 10-18mm f/4.5-5.6 IS STM	19549 C1018-Z		22140 N120 Extension Ring 40 II	18809 180mm Optical Glass Wide Angle Port 18812 230mm Optical Glass Wide Angle Port II 18815 250mm Optical Glass Wide Angle Port II	85204 N120 WACP-2 <i>* This setup is only compatible with WACP-2 before SN-A526311</i>	Lens FOV Converted FOV 108-75° 128-85°	
Canon EF-C 10-18mm f/4.5-5.6 IS STM	19549 C1018-Z		22140 N120 Extension Ring 40 II	18809 180mm Optical Glass Wide Angle Port 18812 230mm Optical Glass Wide Angle Port II 18815 250mm Optical Glass Wide Angle Port II	85204 N120 WACP-2 <i>* This setup is only compatible with WACP-2 SN-A526311 onwards</i>	Lens FOV Converted FOV 108-43° 128-72°	
Canon EF-C 10-18mm f/4.5-5.6 IS STM	19549 C1018-Z		22140 N120 Extension Ring 40 II	18809 180mm Optical Glass Wide Angle Port 18812 230mm Optical Glass Wide Angle Port II 18815 250mm Optical Glass Wide Angle Port II	85204 N120 WACP-2 <i>* This setup is only compatible with WACP-2 SN-A526311 onwards</i>	Lens FOV Converted FOV 108-43° 128-72°	
Sigma 10-20mm f4.5-5.6 EX DC HSM	19535 SC1020-Z		22140 N120 Extension Ring 40 II	18809 180mm Optical Glass Wide Angle Port 18812 230mm Optical Glass Wide Angle Port II 18815 250mm Optical Glass Wide Angle Port II	85204 N120 WACP-2 <i>* This setup is only compatible with WACP-2 before SN-A526311</i>	Lens FOV Converted FOV 110-81° 138-92°	
Tokina AT-X 118 PRO DX AF 11-16mm f/2.8	19530 TC1116-Z		22110 N120 Extension Ring 10 II	18809 180mm Optical Glass Wide Angle Port 18812 230mm Optical Glass Wide Angle Port II 18815 250mm Optical Glass Wide Angle Port II	85204 N120 WACP-2 <i>* This setup is only compatible with WACP-2 SN-A526311 onwards</i>	Lens FOV Converted FOV 110-81° 138-92°	
Tokina AT-X 118 PRO DX AF 12-24mm f/4	19531 TC1224-Z		22150 N120 Extension Ring 50 II	18809 180mm Optical Glass Wide Angle Port 18812 230mm Optical Glass Wide Angle Port II 18815 250mm Optical Glass Wide Angle Port II	85204 N120 WACP-2 <i>* This setup is only compatible with WACP-2 SN-A526311 onwards</i>	Lens FOV Converted FOV 110-81° 138-92°	
Canon EF 16-35mm f/2.8 USM	19527 C1635H-Z		22170 N120 Extension Ring 70 II	18809 180mm Optical Glass Wide Angle Port 18812 230mm Optical Glass Wide Angle Port II 18815 250mm Optical Glass Wide Angle Port II	85204 N120 WACP-2	Lens FOV Converted FOV 107-63° 128-72°	
Canon EF 16-35mm f/2.8 USM	19554 C1635H-Z		22170 N120 Extension Ring 70 II	18809 180mm Optical Glass Wide Angle Port 18812 230mm Optical Glass Wide Angle Port II 18815 250mm Optical Glass Wide Angle Port II	85204 N120 WACP-2	Lens FOV Converted FOV 107-63° 128-72°	
Canon EF 16-35mm f/4 IS USM	19548 C1635H-Z		22170 N120 Extension Ring 70 II	18809 180mm Optical Glass Wide Angle Port 18812 230mm Optical Glass Wide Angle Port II 18815 250mm Optical Glass Wide Angle Port II	85206 N120/N100 WACP-1B	On APS-C Sensor Lens FOV Converted FOV 80-43° 138-74°	
Canon EF 16-35mm f/4 IS USM	19548 C1635H-Z		22170 N120 Extension Ring 70 II	18809 180mm Optical Glass Wide Angle Port 18812 230mm Optical Glass Wide Angle Port II 18815 250mm Optical Glass Wide Angle Port II	85206 N120/N100 WACP-1B	On Full Frame Sensor Lens FOV Converted FOV Zoom Range 75-43° 130-109° 28-35mm	
Canon EF 16-35mm f/4 IS USM	19548 C1635H-Z		22180 N120 Extension Ring 80 II	18809 180mm Optical Glass Wide Angle Port 18812 230mm Optical Glass Wide Angle Port II 18815 250mm Optical Glass Wide Angle Port II	85204 N120 WACP-2	Lens FOV Converted FOV 108-63° 128-72°	
Canon EF 16-35mm f/4 IS USM	19548 C1635H-Z		22180 N120 Extension Ring 80 II	18809 180mm Optical Glass Wide Angle Port 18812 230mm Optical Glass Wide Angle Port II 18815 250mm Optical Glass Wide Angle Port II	85204 N120 WACP-2	Lens FOV Converted FOV 108-63° 128-72°	
Sigma 14mm f1.8 DG HSM   Art	19563 SC14A-F		22170 N120 Extension Ring 70 II	18809 180mm Optical Glass Wide Angle Port 18812 230mm Optical Glass Wide Angle Port II 18815 250mm Optical Glass Wide Angle Port II	85206 N120/N100 WACP-1B	On APS-C Sensor Lens FOV Converted FOV 80-43° 138-74°	
Sigma 14mm f1.8 DG HSM   Art	19563 SC14A-F		22170 N120 Extension Ring 70 II	18809 180mm Optical Glass Wide Angle Port 18812 230mm Optical Glass Wide Angle Port II 18815 250mm Optical Glass Wide Angle Port II	85206 N120/N100 WACP-1B	On Full Frame Sensor Lens FOV Converted FOV Zoom Range 75-43° 130-109° 28-35mm	
Sigma 20mm f1.4 DG HSM   A			22170 N120 Extension Ring 70 II	18809 180mm Optical Glass Wide Angle Port 18812 230mm Optical Glass Wide Angle Port II 18815 250mm Optical Glass Wide Angle Port II	85206 N120/N100 WACP-1B	On APS-C Sensor Lens FOV Converted FOV 80-43° 138-74°	
Sigma 20mm f1.4 DG HSM   A			22170 N120 Extension Ring 70 II	18809 180mm Optical Glass Wide Angle Port 18812 230mm Optical Glass Wide Angle Port II 18815 250mm Optical Glass Wide Angle Port II	85206 N120/N100 WACP-1B	On Full Frame Sensor Lens FOV Converted FOV Zoom Range 75-43° 130-109° 28-35mm	
ZEISS Milvus 18mm f/2.8 ZE	16329 2M-C-F		22155 N120 Extension Ring 55 II	18809 180mm Optical Glass Wide Angle Port 18812 230mm Optical Glass Wide Angle Port II 18815 250mm Optical Glass Wide Angle Port II	85206 N120/N100 WACP-1B	On APS-C Sensor Lens FOV Converted FOV 80-43° 138-74°	
ZEISS Milvus 21mm f/2.8 ZE	16329 2M-C-F		22150 N120 Extension Ring 50 II	18809 180mm Optical Glass Wide Angle Port 18812 230mm Optical Glass Wide Angle Port II 18815 250mm Optical Glass Wide Angle Port II	85206 N120/N100 WACP-1B	On APS-C Sensor Lens FOV Converted FOV 80-43° 138-74°	
Sigma 10mm f2.8 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 Teleplus Pro 300 DGX	19529 TC107-Z		22110 N120 Extension Ring 10 II	18809 180mm Optical Glass Wide Angle Port 18812 230mm Optical Glass Wide Angle Port II 18815 250mm Optical Glass Wide Angle Port II	85204 N120 WACP-2 <i>* This setup is only compatible with WACP-2 before SN-A490446</i>	On APS-C Sensor Lens FOV Converted FOV Zoom Range 75-42° 170-78° 18-35mm	
Tokina AT-X 107 AF DX Fisheye AF 10-17mm f/3.5-4.5 Teleplus Pro 300 DGX	19529 TC107-Z		22110 N120 Extension Ring 10 II	18809 180mm Optical Glass Wide Angle Port 18812 230mm Optical Glass Wide Angle Port II 18815 250mm Optical Glass Wide Angle Port II	85204 N120 WACP-2 <i>* This setup is only compatible with WACP-2 SN-A490446 onwards</i>	On Full Frame Sensor Lens FOV Converted FOV Zoom Range 75-43° 170-78° 18-35mm	
Tokina AT-X 107 AF DX Fisheye AF 10-17mm f/3.5-4.5 Teleplus Pro 300 DGX	19629 TC107-Z + 1.4X		22130 N120 Extension Ring 30 II	18809 180mm Optical Glass Wide Angle Port 18812 230mm Optical Glass Wide Angle Port II 18815 250mm Optical Glass Wide Angle Port II	85204 N120 WACP-2 <i>* This setup is only compatible with WACP-2 SN-A490446 onwards</i>	On APS-C Sensor Lens FOV Converted FOV Zoom Range 75-42° 170-78° 18-35mm	
Tokina AT-X 107 AF DX Fisheye AF 10-17mm f/3.5-4.5 Teleplus Pro 300 DGX	19629 TC107-Z + 1.4X		22140 N120 Extension Ring 40 II	18809 180mm Optical Glass Wide Angle Port 18812 230mm Optical Glass Wide Angle Port II 18815 250mm Optical Glass Wide Angle Port II	85204 N120 WACP-2 <i>* This setup is only compatible with WACP-2 SN-A490446 onwards</i>	On Full Frame Sensor Lens FOV Converted FOV Zoom Range 75-43° 170-78° 18-35mm	
Canon EF 8-15mm f/4L Fisheye USM	19537 C815-Z		22130 N120 Extension Ring 30 II	18802 8.5" Acrylic Dome Port 18811 140mm Optical Glass Fisheye Port with Removable Shade 18812 230mm Optical Glass Wide Angle Port II	85204 N120 WACP-2 <i>* Shade can be removed for circular fisheye effect at 8mm</i>	On APS-C Sensor Lens FOV Converted FOV Zoom Range 75-42° 170-78° 18-35mm	
Canon EF 8-15mm f/4L Fisheye USM	19537 + 19541 C815Z + C815F		22130 + 22131 N120 Extension Ring 30 II + Focus Knob	18802 8.5" Acrylic Dome Port 18811 140mm Optical Glass Fisheye Port with Removable Shade 18812 230mm Optical Glass Wide Angle Port II	85204 N120 WACP-2 <i>* Shade can be removed for circular fisheye effect at 8mm</i>	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 C815Z + 1.4X		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	85204 N120 WACP-2 <i>* Shade can be removed for circular fisheye effect at 8mm</i>	On Full Frame 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 18810 140mm Optical Glass Fisheye 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	

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 : 2024-12-23  
\* This port chart is subject to updating as new information becomes available