



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 MWL-1 packaging)</i>	86201 MWL-1	On-APS-C Sensor Lens FOV Converted FOV 37° 135°
	Canon EF 100mm f/2.8 Macro USM	19523 C100F			18702 Macro Port 87	SMC/CMC Option 1 - M67 Thread 81228 M67 Spacer Ring for SMC/CMC <i>(included in all SMC/CMC packaging)</i> SMC/CMC Option 2 - Bayonet Mount 83250 + 83214 M67 to Bayonet Mount Converter II + Bayonet Mount Adaptor for SMC/CMC	81202 SMC-2	Max. Magnification Working Distance 4.3X 28-38mm
	Canon EF 100mm f/2.8L Macro IS USM	19523 C100F			18703 Macro Port 94	SMC/CMC Option 1 - M67 Thread 81228 M67 Spacer Ring for SMC/CMC <i>(included in all SMC/CMC packaging)</i> SMC/CMC Option 2 - Bayonet Mount 83250 + 83214 M67 to Bayonet Mount Converter II + Bayonet Mount Adaptor for SMC/CMC	81202 SMC-2 81203 SMC-3 81501 MFC-1 81503 MFC-3	Max. Magnification Working Distance 3.6X 23-26mm 2.2X 46-97mm 1.2X 103-1073mm 0.9X 0-1490mm 24° 40°
	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 81228 M67 Spacer Ring for SMC/CMC <i>(included in all SMC/CMC packaging)</i> SMC/CMC Option 2 - Bayonet Mount 83250 + 83214 M67 to Bayonet Mount Converter II + Bayonet Mount Adaptor for SMC/CMC	81202 SMC-2	Max. Magnification Working Distance 3.3X 31-38mm
	Canon EF-S 18-135mm f/3.5-5.6 IS	19524 C18135B-Z		22140 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 f/2.8L II USM	19543 C2470Z-Z		22170 N120 Extension Ring 70 II	18802 8.5" Acrylic Dome Port			
	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	19546 C24105-Z		22170 N120 Extension Ring 70 II	18802 8.5" Acrylic Dome Port			
	Canon EF 24-105mm f/4L IS II USM	19542 C24105B-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 18815 250mm Optical Glass Wide Angle Port II			
	Canon EF 28mm f/1.8 USM			22110 N120 Extension Ring 10 II	* 85206 N120/N100 WACP-18 85207 N120/N100 FCP-1			Lens FOV Converted FOV 75° 130°
Canon EF 28mm f/2.8 USM			22110 N120 Extension Ring 10 II	* 85206 N120/N100 WACP-18 85205 N100 WACP-C 85207 N120/N100 FCP-1 <i>* slight vignetting at 28mm - 31mm</i>			Lens FOV Converted FOV 75° 130°	
Canon EF 28-70mm f/3.5-4.5 II	19557 C28703.5R-Z		22125 N120 Extension Ring 25 II	* 85206 N120/N100 WACP-18 85205 N100 WACP-C <i>* slight vignetting when focus distance from port to subject is less than 10cm at 28mm</i> 85207 N120/N100 FCP-1 <i>* slight vignetting at 28mm - 31mm</i>			Lens FOV Converted FOV 75.34° 130.59°	
Canon EF 28-70mm f/3.5-4.5 II	19557 + 19564 C28703.5R-Z + C28703.5R-F		22130 + 22131 N120 Extension Ring 30 II + Focus Knob	* 85206 N120/N100 WACP-18 85207 N120/N100 FCP-1 <i>* slight vignetting at 28mm - 31mm</i>			Lens FOV Converted FOV Zoom Range 75.34° 125.59° 30-70mm	
Canon EF 28-80mm f/2.8-5.6 II	19558 C28803.5R-Z		22110 N120 Extension Ring 10 II	18705 Macro Port 45 <i>* This setup is only compatible with 18705 before SN A344081 onwards</i> 22110 N120 Extension Ring 10 II 22130 N120 Extension Ring 30 II 21325 N120 to N100 25mm Port Adaptor	83250 M67 to Bayonet Mount Converter II <i>(included in all MWL-1 packaging)</i> 83250 + 83214 M67 to Bayonet Mount Converter II + Bayonet Mount Adaptor for SMC/CMC * 85206 N120/N100 WACP-18 85205 N100 WACP-C <i>* slight vignetting when focus distance from port to subject is less than 10cm at 28mm</i>	86201 MWL-1	Lens FOV Converted FOV Zoom Range 36-30° 135-113° 66-80mm	
Canon EF 28-80mm f/2.8-5.6 V USM	19559 C28803.5V-Z		22110 N120 Extension Ring 10 II	18705 Macro Port 45 <i>* This setup is only compatible with 18705 before SN A344081 onwards</i> 22110 N120 Extension Ring 10 II 22130 N120 Extension Ring 30 II 21325 N120 to N100 25mm Port Adaptor	83250 M67 to Bayonet Mount Converter II <i>(included in all MWL-1 packaging)</i> 83250 + 83214 M67 to Bayonet Mount Converter II + Bayonet Mount Adaptor for SMC/CMC * 85206 N120/N100 WACP-18 85205 N100 WACP-C <i>* slight vignetting at 28mm - 31mm</i>	86201 MWL-1	Lens FOV Converted FOV Zoom Range 37.5-30° 138-93° 63-80mm	
Canon EF 28-80mm f/2 IS USM	19559 C28803.5V-Z		22110 N120 Extension Ring 10 II	18705 Macro Port 45 <i>* This setup is only compatible with 18705 before SN A344081 onwards</i> 22110 N120 Extension Ring 10 II 22130 N120 Extension Ring 30 II 21325 N120 to N100 25mm Port Adaptor	83250 M67 to Bayonet Mount Converter II <i>(included in all MWL-1 packaging)</i> 83250 + 83214 M67 to Bayonet Mount Converter II + Bayonet Mount Adaptor for SMC/CMC * 85206 N120/N100 WACP-18 85205 N100 WACP-C <i>* slight vignetting at 28mm - 31mm</i>	86201 MWL-1	Lens FOV Converted FOV 75.34° 170.62°	
Canon EF 35mm f/2 IS USM			22110 N120 Extension Ring 10 II	* 85206 N120/N100 WACP-18			Lens FOV Converted FOV 63° 109°	
WIDE ANGLE FULL FRAME	Canon EF-S 18-135mm f/3.5-5.6 IS STM	19549 C18135-Z		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			Lens FOV Converted FOV 108.75° 128.85°
	Canon EF-S 18-220mm f/3.5-5.6 IS STM	19525 C1022-Z		22110 N120 Extension Ring 10 II	* 85204 N120 WACP-2 <i>* This setup is only compatible with WACP-2 before SN A526311</i> 85204 N120 WACP-2 <i>* This setup is only compatible with WACP-2 SN A526311 onwards</i>		Lens FOV Converted FOV 108.63° 128.72°	
	Sigma 18-200mm F4.5-5.6 EX DC HSM	19535 SC1020-Z		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		22110 N120 Extension Ring 10 II	* 85204 N120 WACP-2 <i>* This setup is only compatible with WACP-2 before SN A526311</i> 85204 N120 WACP-2 <i>* This setup is only compatible with WACP-2 SN A526311 onwards</i>			Lens FOV Converted FOV 110.81° 135.92°
	Tokina 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 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 C1635B-Z		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	19544 C1635B-Z		22150 N120 Extension Ring 50 II	* 85204 N120 WACP-2 85206 N120/N100 WACP-18			Lens FOV Converted FOV 107.63° 128.72°
	Canon EF 16-35mm f/4 IS USM	19548 C1635A-Z		22130 N120 Extension Ring 30 II	* 85204 N120 WACP-2 85206 N120/N100 WACP-18			On-APS-C Sensor Lens FOV Converted FOV 80.43° 138.74°
	Canon EF 16-35mm f/4 IS USM	19548 C1635A-Z		22160 N120 Extension Ring 60 II	* 85206 N120/N100 WACP-18			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 C1635A-Z		22170 N120 Extension Ring 70 II	18802 8.5" Acrylic Dome Port 18809 180mm Optical Glass Wide Angle Port * 85207 N120/N100 FCP-1			Lens FOV Converted FOV Zoom Range 108.63° 128.72° 75.42° 170.78° 18-35mm
	Canon EF 16-35mm f/4 IS USM	19548 C1635A-Z		22180 N120 Extension Ring 80 II	* 18812 230mm Optical Glass Wide Angle Port II 18815 250mm Optical Glass Wide Angle Port II			On Full Frame Sensor Lens FOV Converted FOV Zoom Range 75.43° 130-122° 28-35mm
	FISHEYE FULL FRAME	Sigma 14mm F1.8 DD HSM Art	19563 SC144-F		22170 N120 Extension Ring 70 II	18802 8.5" Acrylic Dome Port * 18812 230mm Optical Glass Wide Angle Port II		
Sigma 20mm F1.4 DD HSM A				22160 N120 Extension Ring 60 II	18809 180mm Optical Glass Wide Angle Port			
Sigma 20mm F1.4 DD HSM A				22170 N120 Extension Ring 70 II	18802 8.5" Acrylic Dome Port * 18812 230mm Optical Glass Wide Angle Port II			
ZEISS Milvus 18mm f/2.8 ZE		16329 ZMC-F		22165 N120 Extension Ring 55 II	18809 180mm Optical Glass Wide Angle Port * 18812 230mm Optical Glass Wide Angle Port II			
ZEISS Milvus 21mm f/2.8 ZE		16329 ZMC-F		22150 N120 Extension Ring 50 II	18809 180mm Optical Glass Wide Angle Port * 18812 230mm Optical Glass Wide Angle Port II			
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/2.5-4.5		19529 TC1017-Z		22110 N120 Extension Ring 10 II	* 18810 140mm Optical Glass Fisheye Port <i>* This setup is only compatible with 18810 before SN A490446</i> 22110 N120 Extension Ring 10 II 22120 N120 Extension Ring 20 II	* 18810 140mm Optical Glass Fisheye Port <i>* This setup is only compatible with 18810 SN A490446 onwards</i>		
Tokina AT-X 107 AF DX Fisheye AF 10-17mm f/2.5-4.5 with Kenko TELEPLUS HD pro 1.4x DCC Teleconverter for Canon EF		19629 TC1017-Z + 1.4x		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			
Canon EF 8-15mm f/4L Fisheye USM		19537 CB15-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			On-APS-C Sensor Lens FOV Converted FOV 75.42° 170.78° 18-35mm
Canon EF 8-15mm f/4L Fisheye USM		19537 + 19541 CB15-Z + CB15-F		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			On-APS-C Sensor Lens FOV Converted FOV Zoom Range 75.43° 170-122° 28-35mm
Canon EF 8-15mm f/4L Fisheye USM		19538 CB15-Z + 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			
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

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

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