



N120 PORT SYSTEM FOR CANON RF-MOUNT CAMERA SYSTEM (R5/R5C/R6II/R5II/R1)

(Full Frame Format Lens)

	CAMERA LENS	GEAR	PORT ADAPTOR	EXTENSION RING	PORT	MOUNT CONVERTER	WET LENS	OPTICAL PERFORMANCE
MACRO FULL FRAME	Canon RF 65mm f/2 Macro IS STM				18701 Macro Port 60	SMC/CMC Option 1 - M67 Thread 81228 M67 Spacer Ring for SMC/CMC (included in all SMC/CMC packaging)	81203 SMC - 3	Max. Magnification 1.6X Working Distance 60-100mm
						SMC/CMC Option 2 - Bayonet Mount 83250 + 83214 M67 to Bayonet Mount Converter II + Bayonet Mount Adaptor for SMC/CMC		
	Canon RF 100mm f/2.8L Macro IS USM	19575 + 19576 CRF100-F + SA Control Ring			18703 Macro Port 94	SMC/CMC Option 1 - M67 Thread 81228 M67 Spacer Ring for SMC/CMC (included in all SMC/CMC packaging)	81202 SMC - 2 81203 SMC - 3 81501 MFO-1	Max. Magnification 3.3X Working Distance 16-35mm Max. Magnification 2.3X Working Distance 30-100mm Max. Magnification 1.6X Working Distance 56-107.2mm
						SMC/CMC Option 2 - Bayonet Mount 83250 + 83214 M67 to Bayonet Mount Converter II + Bayonet Mount Adaptor for SMC/CMC	81503 MFO-3	Max. Magnification 0.9X Working Distance 0-1490mm Lens FOV 24° Converted FOV 40°
STANDARD ZOOM FULL FRAME	Canon RF 24-50 mm f/4 L IS USM PZ	19602 CR2050-Z		21140 / 22140 N120 Extension Ring 40 I / II	18802 8.5" Acrylic Dome Port 18809 180mm Optical Glass Wide Angle Port ★ 18812 230mm Optical Glass Wide Angle Port II			
				21325 N120 to N100 25mm Port Adaptor	85205 N120 WACP - C			Lens FOV 75-46° Converted FOV 130-79° Zoom Range 28-50mm
				21120 / 22120 N120 Extension Ring 20 I / II	85206 N120/N100 WACP - 1B			
				21130 / 22130 N120 Extension Ring 30 I / II	85207 N120/N100 FCP - 1			Lens FOV 75-46° Converted FOV 170-134° Zoom Range 28-50mm
					18704 Macro Port 41	SMC/CMC Option 1 - M67 Thread 81228 M67 Spacer Ring for SMC/CMC (included in all SMC/CMC packaging)	81301 CMC - 1 81302 CMC - 2 81501 MFO-1	Max. Magnification 0.9X Working Distance 77-111mm Max. Magnification 0.7X Working Distance 82-162mm Max. Magnification 0.4X Working Distance 108-1130mm
					83250 M67 to Bayonet Converter II		83202 WWL-1B	Lens FOV 75-46° Converted FOV 170-83° Zoom Range 28-50mm ★ slight vignetting at 28mm
	Canon RF 24-50mm f/4.5-6.3 IS STM	19598 CR2450-Z			18709 N120 Flat Port 27 with Bayonet Mount ★ Unlock the lens before entering the camera into housing		81301 CMC - 1 81302 CMC - 2	Max. Magnification 0.9X Working Distance 48-75mm Max. Magnification 0.7X Working Distance 74-128mm
		19599 CR2850-Z with limiter ring	21315 N120 to N100 15mm Port Adaptor		85205 N100 WACP - C			Lens FOV 84-46.8° Converted FOV 130-81° Zoom Range 28-50mm
				22110 N120 Extension Ring 10 II	★ 85206 N120/N100 WACP - 1B			
				21120 / 22120 N120 Extension Ring 20 I / II	85207 N120/N100 FCP - 1			Lens FOV 75-46° Converted FOV 170-83° Zoom Range 28-50mm
	Canon RF 24-70mm f/2.8L IS USM	19567 CR2470-Z		21160 / 22160 N120 Extension Ring 60 I / II	18802 8.5" Acrylic Dome Port 18809 180mm Optical Glass Wide Angle Port 18812 230mm Optical Glass Wide Angle Port II			
				21170 / 22170 N120 Extension Ring 70 I / II	★ 18815 250mm Optical Glass Wide Angle Port II			
		19567 + 19568 CR2470-Z + CR2470-F		22150 + 22151 N120 Extension Ring 50 II + Focus Knob	18802 8.5" Acrylic Dome Port 18809 180mm Optical Glass Wide Angle Port			
	Canon RF 28-70mm f2L USM	19595 CR2870-Z		21140 / 22140 N120 Extension Ring 40 I / II	85204 N120 WACP - 2 ★ This setup is only compatible with WACP-2 SN:A526311 onwards			Lens FOV 75-43° Converted FOV 85-72° Zoom Range 28-35mm
				21160 / 22160 N120 Extension Ring 60 I / II	18812 230mm Optical Glass Wide Angle Port II 18802 8.5" Acrylic Dome Port ★ This setup is only compatible with 18802 SN:A491459 onwards			
				21180 / 22180 N120 Extension Ring 80 I / II	★ 18809 180mm Optical Glass Wide Angle Port ★ This setup is only compatible with 18809 SN:A512606 onwards 18815 250mm Optical Glass Wide Angle Port II			
	Canon RF 24-105mm f/4L IS USM	19565 CR24105-Z		21140 / 22140 N120 Extension Ring 40 I / II	18802 8.5" Acrylic Dome Port 18809 180mm Optical Glass Wide Angle Port ★ 18812 230mm Optical Glass Wide Angle Port II			
	Canon RF 24-105mm f/2.8 L IS USM	19600 CR24105R2-Z		21150 + 21190 / 22150 + 22190 N120 Extension Ring 50 I + 90 I / N120 Extension Ring 50 II + 90 II	18809 180mm Optical Glass Wide Angle Port 18802 8.5" Acrylic Dome Port 18812 230mm Optical Glass Wide Angle Port II ★ 18815 250mm Optical Glass Wide Angle Port II			
WIDE ANGLE FULL FRAME	Canon RF 10-20mm f/4 L IS STM	19574 CR1435-Z ★ same zoom gear as RF 14-35mm		21120 / 22120 N120 Extension Ring 20 I / II	18802 8.5" Acrylic Dome Port ★ 18812 230mm Optical Glass Wide Angle Port II			
				22110 N120 Extension Ring 10 II	18815 250mm Optical Glass Wide Angle Port II ★ This setup is only compatible with 18815 SN:A470614 onwards			
	Canon RF 14mm f/1.4 L VCM			21135 / 22135 N120 Extension Ring 35 I / II	18809 180mm Optical Glass Wide Angle Port			
				21150 / 22150 N120 Extension Ring 50 I / II	18802 8.5" Acrylic Dome Port ★ 18812 230mm Optical Glass Wide Angle Port II			
				21140 / 22140 N120 Extension Ring 40 I / II	85207 N120/N100 FCP - 1			Circular Fisheye (remove shade) Lens FOV 114° Converted FOV 180°
	Canon RF 14-35mm f/4L IS USM	19574 CR1435-Z		21155 / 22155 N120 Extension Ring 55 I / II	18802 8.5" Acrylic Dome Port ★ 18812 230mm Optical Glass Wide Angle Port II 18815 250mm Optical Glass Wide Angle Port II			
				21140 / 22140 N120 Extension Ring 40 I / II	18809 180mm Optical Glass Wide Angle Port 85207 N120/N100 FCP - 1 ★ slight vignetting at 28mm			Lens FOV 75-43° Converted FOV 170-122° Zoom Range 28-35mm
				21110 N120 Extension Ring 10	85204 N120 WACP - 2 ★ This setup is only compatible with WACP-2 before SN:A526311			Circular Fisheye (remove shade) Converted FOV 180° Zoom Range at 14mm only
				22110 N120 Extension Ring 10 II	85204 N120 WACP - 2 ★ This setup is only compatible with WACP-2 SN:A526311 onwards			Lens FOV 114-43° Converted FOV 140-72°
	Canon RF 15-30mm f/4.5-6.3 IS STM	19597 CR1530-Z			★ 85204 N120 WACP - 2			Lens FOV 110-71° Converted FOV 133-81°
				21120 / 22120 N120 Extension Ring 20 I / II	85206 N120/N100 WACP - 1B			On APS-C Sensor Lens FOV 75-49° Converted FOV 130-85° Zoom Range 18-30mm
				21130 / 22130 N120 Extension Ring 30 I / II	★ 18809 180mm Optical Glass Wide Angle Port			On Full Frame Sensor Lens FOV 75-72° Converted FOV 130-125° Zoom Range 28-30mm
				21140 / 22140 N120 Extension Ring 40 I / II	18802 8.5" Acrylic Dome Port 18812 230mm Optical Glass Wide Angle Port II			
				21150 / 22150 N120 Extension Ring 50 I / II	18815 250mm Optical Glass Wide Angle Port II			
			21320 N120 to N100 20mm Port Adaptor		85205 N100 WACP - C			On APS-C Sensor Lens FOV 75-49° Converted FOV 130-85° Zoom Range 18-30mm
	Canon RF 15-35mm f/2.8L IS USM	19569 CR1535-Z		21135 / 22135 N120 Extension Ring 35 I / II	85204 N120 WACP - 2			Lens FOV 110-43° Converted FOV 133-72°
				21170 / 22170 N120 Extension Ring 70 I / II	18802 8.5" Acrylic Dome Port 18809 180mm Optical Glass Wide Angle Port ★ 18812 230mm Optical Glass Wide Angle Port II			
				21180 / 22180 N120 Extension Ring 80 I / II	18815 250mm Optical Glass Wide Angle Port II			
		19569 + 19570 CR1535-Z + CR1535-F		22170 + 22171 N120 Extension Ring 70 II + Focus Knob	18812 230mm Optical Glass Wide Angle Port II			
CANON EF-MOUNT	Canon RF 16mm f/2.8 STM				18802 8.5" Acrylic Dome Port 18809 180mm Optical Glass Wide Angle Port ★ 18812 230mm Optical Glass Wide Angle Port II			
	Canon RF 24mm f/1.8 Macro IS STM				18707 N120 Macro Port 6 18802 8.5" Acrylic Dome Port 18809 180mm Optical Glass Wide Angle Port 18812 230mm Optical Glass Wide Angle Port II	83250 M67 to Bayonet Mount Converter II	83203 WWL-C	Lens FOV 84° Converted FOV 130°
	Canon RF 35mm f/1.8 IS Macro STM					SMC/CMC Option 1 - M67 Thread 81228 M67 Spacer Ring for SMC/CMC (included in all SMC/CMC packaging)	81301 CMC - 1	Max. Magnification 0.9X Working Distance 20-75mm
						SMC/CMC Option 2 - Bayonet Mount 83250 + 83214 M67 to Bayonet Mount Converter II + Bayonet Mount Adaptor for SMC/CMC	81302 CMC - 2	Max. Magnification 0.8X Working Distance 24-121mm
FISHEYE FULL FRAME	Canon RF 7-14mm f/2.8-3.5 STM	19601 CRF14-Z		21110 N120 Extension Ring 10 I	18802 8.5" Acrylic Dome Port ★ This setup is only compatible with 18802 before SN:A491459 ★ Shade can be removed for circular fisheye effect at 7mm			
				22110 N120 Extension Ring 10 II	18802 8.5" Acrylic Dome Port ★ This setup is only compatible with 18802 SN:A491459 onwards ★ Shade can be removed for circular fisheye effect at 7mm 18812 230mm Optical Glass Wide Angle Port II ★ This setup is only compatible with 18812 SN:A322451 onwards ★ Shade can be removed for circular fisheye effect at 7mm			
				21120 / 22120 N120 Extension Ring 20 I / II	18811 140mm Optical Glass Fisheye Dome Port with Removable Shade ★ Shade can be removed for circular fisheye effect at 7mm ★ 18816 140mm Optical Glass Fisheye Dome Port with Removable Shade II ★ Shade can be removed for circular fisheye effect at 7mm			
CANON EF-MOUNT	Canon EF-mount Lenses with Canon Mount Adaptor EF-EOS R				N120 Canon EF-Mount Port System			

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 : 2026-05-29

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