



N120 PORT SYSTEM FOR CANON RF-MOUNT CAMERA SYSTEM

(Full Frame Format Lens)

	CAMERA LENS	GEAR	PORT ADAPTOR	EXTENSION RING	PORT	MOUNT CONVERTER	WET LENS	OPTICAL PERFORMANCE
MACRO FULL FRAME	Canon RF 85mm f/2 Macro IS STM				18701 Macro Port 60	SMC/CMC Option 1 - M67 Thread 18701 Macro Port 60 81228 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	81203 SMC-3	Max. Magnification 1.6X Working Distance 60-100mm
	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 18703 Macro Port 94 81228 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 81203 SMC-3 81501 MFO-1 81503 MFO-3 87303 EMWL Set #3	Max. Magnification 3.3X Working Distance 16-35mm Max. Magnification 2.3X Working Distance 30-100mm Max. Magnification 1.6X Working Distance 56-1072mm Max. Magnification 0.9X Working Distance 0-1490mm Lens FOV Converted FOV 24° 40° Lens FOV Converted FOV 24° EMWL Set #3 60°/100°/130°/160°
STANDARD ZOOM FULL FRAME	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 83203 WWL-C	Max. Magnification 0.9X Working Distance 48-75mm Max. Magnification 0.7X Working Distance 74-128mm Lens FOV Converted FOV 84-46.8° 130-72°
	Canon RF 24-70mm f/2.8L IS USM	19599 CR2850-Z with limiter ring	21315 N120 to N100 15mm Port Adaptor	22110 N120 Extension Ring 10 II 22120 N120 Extension Ring 20 II	85205 N100 WACP - C * 85206 N120/N100 WACP - 1B 85207 N120/N100 FCP - 1		Lens FOV Converted FOV Zoom Range 84-46.8° 130-81° 28-50mm Lens FOV Converted FOV Zoom Range 75-46° 170-87° 28-50mm	
	Canon RF 24-70mm f/2.8L IS USM	19567 CR2470-Z		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			
	Canon RF 24-70mm f/2.8L IS USM	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 f/2L USM	19595 CR2870-Z		22140 N120 Extension Ring 40 II 22160 N120 Extension Ring 60 II 22180 N120 Extension Ring 80 II	85204 N120 WACP - 2 * This setup is only compatible with WACP-2 SN:A526311 onwards 18812 230mm Optical Glass Wide Angle Port II 18802 8.5" Acrylic Dome Port * This setup is only compatible with 18802 SN:A491459 onwards * 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		Lens FOV Converted FOV Zoom Range 75-63° 85-72° 28-35mm	
	Canon RF 24-105mm f/4L IS USM	19565 CR24105-Z		22140 N120 Extension Ring 40 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 CR24105F2.8-Z		22150 + 22190 N120 Extension Ring 50 II + N120 Extension Ring 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			
	Canon RF 10-20mm f/4 L IS STM	19574 CR1435-Z * same zoom gear as RF 14-35mm		22120 N120 Extension Ring 20 II	18802 8.5" Acrylic Dome Port * 18812 230mm Optical Glass Wide Angle Port II 18815 250mm Optical Glass Wide Angle Port II * This setup is only compatible with 18815 SN:A470614 onwards			
	Canon RF 14-35mm f/4L IS USM	19574 CR1435-Z		22155 N120 Extension Ring 55 II 22140 N120 Extension Ring 40 II 21110 N120 Extension Ring 10 22110 N120 Extension Ring 10 II	18802 8.5" Acrylic Dome Port * 18812 230mm Optical Glass Wide Angle Port II 18815 250mm Optical Glass Wide Angle Port II 18809 180mm Optical Glass Wide Angle Port 85207 N120/N100 FCP - 1 * slight vignetting at 28mm 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 Zoom Range 75-63° 170-122° 28-35mm Circular Fisheye (remove shade) Converted FOV Zoom Range 180° at 14mm only Lens FOV Converted FOV 114-63° 140-72°		
	Canon RF 15-30mm f/4.5-6.3 IS STM	19597 CR1530-Z		22120 N120 Extension Ring 20 II 22130 N120 Extension Ring 30 II 22140 N120 Extension Ring 40 II 22150 N120 Extension Ring 50 II 21320 N120 to N100 20mm Port Adaptor	85204 N120 WACP - 2 85206 N120/N100 WACP - 1B * 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 85205 N100 WACP - C	Lens FOV Converted FOV 110-71° 133-81° On APS-C Sensor Lens FOV Converted FOV Zoom Range 75-49° 130-85° 18-30mm On Full Frame Sensor Lens FOV Converted FOV Zoom Range 75-72° 130-125° 28-30mm On APS-C Sensor Lens FOV Converted FOV Zoom Range 75-49° 130-85° 18-30mm		
Canon RF 15-35mm f/2.8L IS USM	19569 CR1535-Z		22135 N120 Extension Ring 35 II 22170 N120 Extension Ring 70 II 22180 N120 Extension Ring 80 II 19569 + 19570 CR1535-Z + CR1535-F	22170 + 22171 N120 Extension Ring 70 II + Focus Knob	18812 230mm Optical Glass Wide Angle Port II		Lens FOV Converted FOV 110-63° 133-72°	
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 Converted FOV 84° 130°
Canon RF 35mm f/1.8 IS Macro STM				21110 N120 Extension Ring 10	18706 N120 Macro Port 12 * This setup is only compatible with 18706 before SN:A524910	SMC/CMC Option 1 - M67 Thread 81228 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 (included in all MWL-1 packaging)	81301 CMC-1 81302 CMC-2 86201 MWL - 1	Max. Magnification 0.9X Working Distance 20-75mm Max. Magnification 0.8X Working Distance 24-121mm Lens FOV Converted FOV 42° 157.5°
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 : 2025-08-26

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