



N120 PORT SYSTEM FOR CANON RF-MOUNT CAMERA SYSTEM (C50/R6III) (Full Frame Format Lens)

	CAMERA LENS	GEAR	PORT ADAPTOR / EXTENSION RING	EXTENSION RING / PORT CONVERTER	PORT	MOUNT CONVERTER	WET LENS	OPTICAL PERFORMANCE
MACRO FULL FRAME	Canon RF 100mm f/2.8L Macro IS USM	19630 RF100-F		22120 N120 Extension Ring 20 II	18703 Macro Port 94	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	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 24° Converted FOV 40° Lens FOV 24° Converted FOV 60°/100°/130°/160°
STANDARD ZOOM FULL FRAME	Canon RF 24-50mm f/4.5-6.3 IS STM	19633 / 19635 RF2450-Z / RF2850-Z with limiter ring	22120 N120 Extension Ring 20 II	21315 N120 to N100 15mm Port Adaptor 22130 N120 Extension Ring 30 II 22140 N120 Extension Ring 40 II	18709 N120 Flat Port 27 with Bayonet Mount * Unlock the lens before entering the camera into housing 85205 N100 WACP - C * 85206 N120/N100 WACP - 1B		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 84-46.8° Converted FOV 130-72° Lens FOV 84-46.8° Converted FOV 130-81° Zoom Range 28-50mm Lens FOV 75-46° Converted FOV 170-87° Zoom Range 28-50mm
STANDARD ZOOM FULL FRAME	Canon RF 24-70mm f/2.8 IS USM	19636 RF2470-Z		22180 N120 Extension Ring 80 II 22125 + 22170 N120 Extension Ring 25 II + N120 Extension Ring 70 II 22170 + 22151 N120 Extension Ring 70 II + Focus Knob	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			
STANDARD ZOOM FULL FRAME	Canon RF 24-105mm f/2.8 L IS USM	19637 RF24105F2.8-Z		22170 + 22190 N120 Extension Ring 70 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			
WIDE ANGLE FULL FRAME	Canon RF 14-35mm f/4L IS USM	19632 RF1435-Z		22155+22120 N120 Extension Ring 55 II + N120 Extension Ring 20 II 22160 N120 Extension Ring 60 II 21110 + 22120 N120 Extension Ring 10 + N120 Extension Ring 20 II 22130 N120 Extension Ring 30 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		81301 CMC-1 81302 CMC-2 83203 WWL-C 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 75-63° Converted FOV 170-122° Zoom Range 28-35mm Circular Fisheye (remove shade) Converted FOV 180° Zoom Range at 14mm only Lens FOV 114-63° Converted FOV 140-72°
WIDE ANGLE FULL FRAME	Canon RF 15-35mm f/2.8L IS USM	19631 RF1535-Z		22155 N120 Extension Ring 55 II 22190 N120 Extension Ring 90 II 22180+22120 N120 Extension Ring 80 II N120 Extension Ring 20 II 22190 + 22171 N120 Extension Ring 90 II + Focus Knob	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 18815 250mm Optical Glass Wide Angle Port II 18812 230mm Optical Glass Wide Angle Port II			Lens FOV 110-63° Converted FOV 133-72°
FISHEYE FULL FRAME	Canon RF 7-14mm f/2.8-3.5 STM	19638 RF714-Z		22130 N120 Extension Ring 30 II 22140 N120 Extension Ring 40 II	18802 8.5" Acrylic Dome Port * Shade can be removed for circular fisheye effect at 7mm 18812 230mm Optical Glass Wide Angle Port II * Shade can be removed for circular fisheye effect at 7mm * 18811 140mm glass fisheye port * Shade can be removed for circular fisheye effect at 7mm			
CANON EF-MOUNT	Canon EF-mount Lenses with Canon Mount Adaptor EF-EOS R * 16xxx Control Kit for NA-C50 to use with Drop-In Filter Mount Adapter is required	N120 Canon EF-Mount Gears		22120 N120 Extension Ring 20 II	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 : 2026-03-27

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