



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 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 81301 CMC-1 81302 CMC-2 87302 EMWL Set #2 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 2.8X Working Distance 18-85mm Max. Magnification 2.4X Working Distance 34-121mm Lens FOV Converted FOV 24° 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° 130-81° Zoom Range 28-50mm |
| | Canon RF 24-70mm f/2.8L IS USM | 19599 CR2850-Z with limiter ring | 21315 N120 to N100 15mm Port Adaptor | 21110 N120 Extension Ring 10 21110 N120 Extension Ring 10 II 22120 N120 Extension Ring 20 II | 18709 N120 Flat Port 27 with Bayonet Mount * Unlock the lens before entering the camera into housing | 85205 N100 WACP - C 85201 N120 WACP - 1 * This setup is only compatible with WACP-1 before SN: A502435 85201 N120 WACP - 1 * This setup is only compatible with WACP-1 SN: A502435 onwards * 85206 N120/N100 WACP - 1B | | Lens FOV Converted FOV Zoom Range 84-46.8° 130-81° 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 | | Lens FOV Converted FOV Zoom Range 75-46° 170-87° 28-50mm |
| | 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 | | | Lens FOV Converted FOV Zoom Range 75-43° 85-72° 28-35mm |
| STANDARD ZOOM FULL FRAME | 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 | 85204 N120 WACP - 2 * This setup is only compatible with WACP-2 SN:A526311 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 75-43° 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 | | | Lens FOV Converted FOV Zoom Range 75-43° 170-122° 28-35mm |
| | Canon RF 10-20mm f/4 L IS USM | 19574 CR1435-Z * Same zoom gear as RF 14-35mm | | 22120 N120 Extension Ring 20 II 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 * This setup is only compatible with 18815 SN:A470614 onwards | | | Lens FOV Converted FOV Zoom Range 114-63° 140-72° |
| | 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 114-63° 140-72° Circular Fisheye (remove shade) Converted FOV Zoom Range 180° at 14mm only | |
| WIDE ANGLE FULL FRAME | 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 85201 N120 WACP - 1 * 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 | | | 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 |
| | 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 | 85204 N120 WACP - 2 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 | | | Lens FOV Converted FOV 110-63° 133-72° |
| | Canon RF 15-35mm f/2.8L IS USM | 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 | | | Lens FOV Converted FOV 84° 130° |
| CANON EF-MOUNT | Canon EF-mount Lenses with Canon Mount Adaptor EF-EOS R | | | | 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 18706 Macro Port 12 * This setup is only compatible with 18706 SN:A524910 onwards | 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° |

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 : 2024-12-04

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