



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 81228 M67 Spacer Ring for SMC/CMC (included in all SMC/CMC packaging)	81201 SMC - 1	Max. Magnification 1.6X Working Distance 60-85mm
						SMC/CMC Option 2 - Bayonet Mount 83250 + 83214 M67 to Bayonet Mount Converter II + Bayonet Mount Adaptor for SMC/CMC		
MACRO FULL FRAME	Canon RF 100mm f/2.8L Macro IS USM	19575 + 19576 CRF100F + 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)	81201 SMC - 1	Max. Magnification 2.3X Working Distance 29-80mm
						SMC/CMC Option 2 - Bayonet Mount 83250 + 83214 M67 to Bayonet Mount Converter II + Bayonet Mount Adaptor for SMC/CMC	81202 SMC - 2 81301 CMC - 1 81302 CMC - 2	Max. Magnification 3.3X Working Distance 16-35mm Max. Magnification 2.8X Working Distance 18-85mm Max. Magnification 2.4X Working Distance 34-121mm
MACRO FULL FRAME						83250 M67 to Bayonet Mount Converter II	87302 EMWL Set #2 87303 EMWL Set #3	Lens FOV 24° Converted FOV 60°/100°/130°/160° Lens FOV 24° Converted FOV 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	Max. Magnification 0.9X Working Distance 48-75mm Max. Magnification 0.7X Working Distance 74-128mm
STANDARD ZOOM FULL FRAME	Canon RF 24-50mm f/2.8L Macro IS USM	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
STANDARD ZOOM FULL FRAME				21110 N120 Extension Ring 10	85201 N120 WACP - 1 * This setup is only compatible with WACP-1 before SN: A502435			Lens FOV 84-46.8° Converted FOV 130-81° Zoom Range 28-50mm
				22110 N120 Extension Ring 10 II	85201 N120 WACP - 1 * This setup is only compatible with WACP-1 after SN: A502435			
STANDARD ZOOM FULL FRAME				22120 N120 Extension Ring 20 II	* 85206 N120/N100 WACP - 1B			
STANDARD ZOOM FULL FRAME	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			Lens FOV 75-46° Converted FOV 170-87° Zoom Range 28-50mm
STANDARD ZOOM FULL FRAME		19567 + 19568 CR2470-Z + CR2470-F		22125 + 22150 N120 Extension Ring 25 II + 50 II	* 18815 250mm Optical Glass Wide Angle Port II			
STANDARD ZOOM FULL FRAME				22150 + 22151 N120 Extension Ring 50 II + Focus Knob	18802 8.5" Acrylic Dome Port 18809 180mm Optical Glass Wide Angle Port			
STANDARD ZOOM FULL FRAME	Canon RF 28-70mm f/2L IS USM	19595 CR2870-Z		22140 N120 Extension Ring 40 II	85204 N120 WACP - 2 * This setup is only compatible with WACP-2 SN:A526311 onwards			Lens FOV 75-63° Converted FOV 85-72° Zoom Range 28-35mm
STANDARD ZOOM FULL FRAME				22160 N120 Extension Ring 60 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			
STANDARD ZOOM FULL FRAME				22180 N120 Extension Ring 80 II	* 18809 180mm Optical Glass Wide Angle Port * This setup is only compatible with 18809 SN:A512606 onwards			
STANDARD ZOOM FULL FRAME								
STANDARD ZOOM FULL FRAME	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 75-63° Converted FOV 85-72° Zoom Range 28-35mm
WIDE ANGLE FULL FRAME	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	18802 8.5" Acrylic Dome Port * 18812 230mm Optical Glass Wide Angle Port II			Lens FOV 75-63° Converted FOV 170-122° Zoom Range 28-35mm
WIDE ANGLE FULL FRAME				22110 N120 Extension Ring 10 II	18815 250mm Optical Glass Wide Angle Port II * This setup is only compatible with 18815 after SN:A470614			Circular Fisheye (remove shade) Converted FOV 180° Zoom Range at 14mm only
WIDE ANGLE FULL FRAME	Canon RF 14-35mm f/4L IS USM	19574 CR1435-Z		22155 N120 Extension Ring 55 II	18802 8.5" Acrylic Dome Port * 18812 230mm Optical Glass Wide Angle Port II 18815 250mm Optical Glass Wide Angle Port II			Lens FOV 114-63° Converted FOV 140-72°
WIDE ANGLE FULL FRAME				22140 N120 Extension Ring 40 II	18809 180mm Optical Glass Wide Angle Port			
WIDE ANGLE FULL FRAME								
WIDE ANGLE FULL FRAME	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°
WIDE ANGLE FULL FRAME				22120 N120 Extension Ring 20 II	85206 N120/N100 WACP - 1B 85201 N120 WACP - 1			On APS-C Sensor Lens FOV 75-49° Converted FOV 130-85° Zoom Range 18-30mm
								On Full Frame Sensor Lens FOV 75-72° Converted FOV 130-125° Zoom Range 28-30mm
WIDE ANGLE FULL FRAME				22130 N120 Extension Ring 30 II	* 18809 180mm Optical Glass Wide Angle Port			
WIDE ANGLE FULL FRAME				22140 N120 Extension Ring 40 II	18802 8.5" Acrylic Dome Port 18812 230mm Optical Glass Wide Angle Port II			
WIDE ANGLE FULL FRAME				22150 N120 Extension Ring 50 II	18815 250mm Optical Glass Wide Angle Port II			
WIDE ANGLE FULL FRAME				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
WIDE ANGLE FULL FRAME	Canon RF 15-35mm f/2.8L IS USM	19569 CR1535-Z		22135 N120 Extension Ring 35 II	85204 N120 WACP - 2			Lens FOV 110-63° Converted FOV 133-72°
WIDE ANGLE FULL FRAME				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			
WIDE ANGLE FULL FRAME				22180 N120 Extension Ring 80 II	18815 250mm Optical Glass Wide Angle Port II			
WIDE ANGLE FULL FRAME								
WIDE ANGLE FULL FRAME	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			
WIDE ANGLE FULL FRAME	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°
WIDE ANGLE FULL FRAME								
WIDE ANGLE FULL FRAME	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 onwards	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
WIDE ANGLE FULL FRAME						83250 M67 to Bayonet Mount Converter II (included in all MWL-1 packaging)	86201 MWL - 1	Lens FOV 42° Converted FOV 157.5°
WIDE ANGLE FULL FRAME				22110 N120 Extension Ring 10 II	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)	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
WIDE ANGLE FULL FRAME						83250 M67 to Bayonet Mount Converter II (included in all MWL-1 packaging)	86201 MWL - 1	Lens FOV 42° Converted FOV 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 : 2024-08-23

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