



N120 CINEMA PORT SYSTEM FOR EF & RF-MOUNT CAMERA SYSTEM (RED, CANON, PANASONIC, Z-CAM, BLACKMAGIC)

	CAMERA LENS	GEAR	EXTENSION RING	PORT	MOUNT CONVERTER	WET LENS	OPTICAL PERFORMANCE
MACRO APS-C	Canon EF-S 60mm f2.8 Macro USM	19521 C60-F		18704 Macro Port 41	SMC/CMC Option 1 - M67 Thread 81228 M67 Spacer Ring for SMC/CMC <i>(included in all SMC/CMC packaging)</i>	81302 CMC - 2 <small>On APS-C Sensor</small>	Max. Magnification 1.6X Working Distance 38-120mm
						81201 SMC - 1 <small>On APS-C Sensor</small>	Max. Magnification 1.6X Working Distance 28-94mm
					SMC/CMC Option 2 - Bayonet Mount 83250 + 83214 M67 to Bayonet Mount Converter II + Bayonet Mount Adaptor for SMC/CMC	81302 CMC - 2 <small>On APS-C Sensor</small>	Max. Magnification 1.6X Working Distance 38-120mm
						81201 SMC - 1 <small>On APS-C Sensor</small>	Max. Magnification 1.6X Working Distance 28-94mm
MACRO FULL FRAME	Canon EF 100mm f/2.8L Macro IS USM	19523 C100IS-F		18703 Macro Port 94	SMC/CMC Option 1 - M67 Thread 81228 M67 Spacer Ring for SMC/CMC <i>(included in all SMC/CMC packaging)</i>	81201 SMC - 1 <small>On APS-C Sensor</small>	Max. Magnification 2.1X Working Distance 45-95mm
						81202 SMC - 2 <small>On APS-C Sensor</small>	Max. Magnification 3.4X Working Distance 23-39mm
					SMC/CMC Option 2 - Bayonet Mount 83250 + 83214 M67 to Bayonet Mount Converter II + Bayonet Mount Adaptor for SMC/CMC	81201 SMC - 1 <small>On APS-C Sensor</small>	Max. Magnification 2.1X Working Distance 45-95mm
						81202 SMC - 2 <small>On APS-C Sensor</small>	Max. Magnification 3.4X Working Distance 23-39mm
					83250 M67 to Bayonet Mount Converter II	87302 EMWL Set #2 <small>On APS-C Sensor</small>	Lens FOV 23.4° Converted FOV 60°/100°/130°
MACRO FULL FRAME	Canon RF 100mm f/2.8L Macro IS USM	19575 CRF100-F <i>*compatible with NA-Komodo and NA-C70</i>		18703 Macro Port 94	SMC/CMC Option 1 - M67 Thread 81228 M67 Spacer Ring for SMC/CMC <i>(included in all SMC/CMC packaging)</i>	81201 SMC - 1 <small>On APS-C Sensor</small>	Max. Magnification 2.3X Working Distance 32-89mm
						81202 SMC - 2 <small>On APS-C Sensor</small>	Max. Magnification 3.4X Working Distance 16-38mm
						81301 CMC - 1 <small>On APS-C Sensor</small>	Max. Magnification 2.8X Working Distance 23-70mm
						81302 CMC - 2 <small>On APS-C Sensor</small>	Max. Magnification 2.3X Working Distance 34-120mm
					SMC/CMC Option 2 - Bayonet Mount 83250 + 83214 M67 to Bayonet Mount Converter II + Bayonet Mount Adaptor for SMC/CMC	81201 SMC - 1 <small>On APS-C Sensor</small>	Max. Magnification 2.3X Working Distance 32-89mm
						81202 SMC - 2 <small>On APS-C Sensor</small>	Max. Magnification 3.4X Working Distance 16-38mm
						81301 CMC - 1 <small>On APS-C Sensor</small>	Max. Magnification 2.8X Working Distance 23-70mm
	81302 CMC - 2 <small>On APS-C Sensor</small>	Max. Magnification 2.3X Working Distance 34-120mm					
		83250 M67 to Bayonet Mount Converter II	87302 / 8730 EMWL Set #2 / #3 <small>On APS-C Sensor</small>	Lens FOV 24.0° Converted FOV 60°/100°/130°			

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 port system based on best optical performance

* Secondary setup recommendation based on optical performance



N120 CINEMA PORT SYSTEM FOR EF & RF-MOUNT CAMERA SYSTEM (RED, CANON, PANASONIC, Z-CAM, BLACKMAGIC)

	CAMERA LENS	GEAR	EXTENSION RING	PORT	OPTICAL PERFORMANCE
MACRO FULL FRAME	Laowa 24mm f/14 2X Macro Probe	16335 Laowa24 Gear Set	21170 Extension Ring 70 with Lock	16336 N120 Port Adaptor for Laowa 24mm f/14 2X Macro Probe	<i>* This setup is not compatible with Extension Rings SN:A201966 before 09/2016</i>
STANDARD ZOOM APS-C	Canon EF-S 18-55mm f/3.5-5.6 IS STM	16330 RC1855STM Gear Set	21125 Extension Ring 25 with Lock	85201 WACP - 1	On APS-C Sensor Lens FOV 71-29° Converted FOV 123-50° Zoom Range 20-55mm
	Sigma 17-70mm F2.8-4 DC Macro OS HSM C	16331 RSC1770OSC Gear Set	21140 Extension Ring 40 with Lock	18802 8.5" Acrylic Dome Port * 18812 230mm Optical Glass Wide Angle Port II	
	Sigma 18-35mm F1.8 DC HSM A	16326 RSC1835f1.8 Gear Set	21180 Extension Ring 80 with Lock 21130 + 21135 Extension Ring 30 with Lock + 35 21150 + 21150 Extension Ring 50 with Lock + 50	* 85202 WACP-1 for Sigma 18-35mm F1.8 18802 8.5" Acrylic Dome Port 18809 180mm Optical Glass Wide Angle Port * 18812 230mm Optical Glass Wide Angle Port II	On APS-C Sensor Lens FOV 71-46° Converted FOV 123-79.5° Zoom Range 20-35mm
STANDARD ZOOM FULL FRAME	Canon EF 24-70mm f/2.8L II USM	16313 + 16314 RC2470II-Z + RC2470II-F	21170 Extension Ring 70 with Lock	18802 8.5" Acrylic Dome Port * 18812 230mm Optical Glass Wide Angle Port II	
	Canon EF 24-105mm f/4L IS USM	16337 RC24105 Gear Set	21170 Extension Ring 70 with Lock	18802 8.5" Acrylic Dome Port * 18809 180mm Optical Glass Wide Angle Port 18812 230mm Optical Glass Wide Angle Port II	

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 port system based on best optical performance*

** Secondary setup recommendation based on optical performance*



N120 CINEMA PORT SYSTEM FOR EF & RF-MOUNT CAMERA SYSTEM (RED, CANON, PANASONIC, Z-CAM, BLACKMAGIC)

	CAMERA LENS	GEAR	EXTENSION RING	PORT		OPTICAL PERFORMANCE	
STANDARD ZOOM FULL FRAME	Canon EF 28-70mm f/3.5-4.5 II	16334 RC2870II Gear Set	21125 Extension Ring 25 with Lock	85201 WACP - 1	On APS-C Sensor	Lens FOV 52-22° Converted FOV 90-38°	
					On Full Frame Sensor	Lens FOV 75-34° Converted FOV 130-59°	
WIDE ANGLE APSC	Canon EF-S 10-18mm f/4.5-5.6 IS STM	16340 RC1018 Gear Set		85204 WACP - 2	On APS-C Sensor	Lens FOV 108-75° Converted FOV 128-85°	
	Canon EF-S 10-22mm f/3.5-4.5 IS USM	16303 + 16304 RC1022-Z + RC1022-F	21110 Extension Ring 10 with Screws	* 85204 WACP - 2	On APS-C Sensor	Lens FOV 108-63° Converted FOV 128-72°	
	*Please refer to the following page for more setup options	Canon EF-S 10-22mm f/3.5-4.5 IS USM	16303 + 16304 RC1022-Z + RC1022-F	21120 Extension Ring 20 with Lock	23211 8.5" white balance acrylic dome port		
				21160 Extension Ring 60 with Lock	18802 8.5" Acrylic Dome Port		
					* 18812 230mm Optical Glass Wide Angle Port II		
				18815 250mm Optical Glass Wide Angle Port II			
	Sigma 8-16mm F4.5-5.6 DC HSM	16305 + 16306 RSC816-Z + RSC816-F	21140 Extension Ring 40 with Lock	18809 180mm Optical Glass Wide Angle Port			
			21150 Extension Ring 50 with Lock	18802 8.5" Acrylic Dome Port			
				* 18812 230mm Optical Glass Wide Angle Port II			
				18815 250mm Optical Glass Wide Angle Port II			
	Sigma 12-24mm F24 DG HSM Art	16327 RSC1224A Gear Set	21150 Extension Ring 50 with Lock	18815 250mm Optical Glass Wide Angle Port II		* This setup is not compatible with Extension Rings SN:A213191 before 09/2016	
			21160 Extension Ring 60 with Lock	* 18812 230mm Optical Glass Wide Angle Port II		* This setup is not compatible with Extension Rings SN:A201966 before 09/2016	
	Tokina AT-X 11-20mm F2.8 PRO DX	16328 RTC1120	21120 Extension Ring 20 with Lock	* 85204 WACP - 2	On APS-C Sensor	Lens FOV 100-68° Converted FOV 118-78°	
			21160 Extension Ring 60 with Lock	18802 8.5" Acrylic Dome Port			

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 port system based on best optical performance
* Secondary setup recommendation based on optical performance



N120 CINEMA PORT SYSTEM FOR EF & RF-MOUNT CAMERA SYSTEM (RED, CANON, PANASONIC, Z-CAM, BLACKMAGIC)

	CAMERA LENS	GEAR	EXTENSION RING	PORT	OPTICAL PERFORMANCE
WIDE ANGLE APS-C	Tokina AT-X 11-20mm F2.8 PRO DX	16328 RTC1120	21160 Extension Ring 60 with Lock	18809 180mm Optical Glass Wide Angle Port * 18812 230mm Optical Glass Wide Angle Port II 18815 250mm Optical Glass Wide Angle Port II	
	Tokina AT-X 116 PRO DX AF 11-16mm f/2.8	16309 + 16310 RSC1116-Z + RSC1116-F	21110 Extension Ring 10 with Screws 21160 Extension Ring 60 with Lock	* 85204 WACP - 2	On APS-C Sensor Lens FOV 110-81° Converted FOV 118-92°
WIDE ANGLE FULL FRAME	Canon EF 11-24mm f/4L USM	16315 + 16316 RC1124-Z +	21150 Extension Ring 50 with Lock 21170 Extension Ring 70 with Lock 21271 Extension Ring 70 with Focus Knob	* 18815 250mm Optical Glass Wide Angle Port II 18812 230mm Optical Glass Wide Angle Port II 18812 230mm Optical Glass Wide Angle Port II	* This setup is not compatible with Extension Rings SN:A201966 before 09/2016 * This setup is not compatible with Extension Rings SN:A201966 before 09/2016
	Canon RF 14-35mm f/4L IS USM	16342 CR1435 Gear Set	21155 Extension Ring 55 with Lock 21140 Extension Ring 40 with Lock 21110 Extension Ring 10	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 85204 WACP - 2	On APS-C Sensor Lens FOV 89-42° Converted FOV 104-48° On Full Frame Sensor Lens FOV 114-63° Converted FOV 140-72°

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 port system based on best optical performance

* Secondary setup recommendation based on optical performance



N120 CINEMA PORT SYSTEM FOR EF & RF-MOUNT CAMERA SYSTEM (RED, CANON, PANASONIC, Z-CAM, BLACKMAGIC)

	CAMERA LENS	GEAR	EXTENSION RING	PORT	OPTICAL PERFORMANCE								
WIDE ANGLE FULL FRAME	Canon RF 15-35mm f/2.8L IS USM	16341 CR1535 Gear Set	21135 Extension Ring 35 with Lock	* 85204 WACP - 2	On APS-C Sensor	Lens FOV 84-42° Converted FOV 98-48°							
					On Full Frame Sensor	Lens FOV 110-63° Converted FOV 133-72°							
					21170 Extension Ring 70 with Lock	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 EF 16-35mm f/2.8 II USM	16311 + 16312 RC1635II-Z + RC1635II-F	21170 Extension Ring 70 with Lock	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		
	21180 Extension Ring 80 with Lock	* 18812 230mm Optical Glass Wide Angle Port II	18815 250mm Optical Glass Wide Angle Port II										
	Canon EF 16-35mm f/2.8 III USM	19527 + 19542 C1635II-Z + C1635II-F	21130 Extension Ring 30 with Lock	85204 WACP - 2								On APS-C Sensor	Lens FOV 84-44° Converted FOV 98-51°
												On Full Frame Sensor	Lens FOV 107-63° Converted FOV 128-72°
					21150 Extension Ring 50 with Lock	* 85204 WACP - 2	On APS-C Sensor	Lens FOV 84-44° Converted FOV 98-51°					
On Full Frame Sensor								Lens FOV 107-63° Converted FOV 128-72°					
21170 Extension Ring 70 with Lock								85201 WACP - 1	On APS-C Sensor	Lens FOV 71-45° Converted FOV 123-78° Zoom Range 20-35mm			
					On Full Frame Sensor	Lens FOV 75-63° Converted FOV 130-109° Zoom Range 28-35mm							
	21180 Extension Ring 80 with Lock	18809 180mm Optical Glass Wide Angle Port											

**Please refer to the following page
for more setup options*



N120 CINEMA PORT SYSTEM FOR EF & RF-MOUNT CAMERA SYSTEM (RED, CANON, PANASONIC, Z-CAM, BLACKMAGIC)

	CAMERA LENS	GEAR	EXTENSION RING	PORT	OPTICAL PERFORMANCE	
WIDE ANGLE FULL FRAME	Canon EF 16-35mm f/2.8 III USM	16325 RC1635III Gear Set	21190 Extension Ring 90 with Lock	18802 8.5" Acrylic Dome Port * 18812 230mm Optical Glass Wide Angle Port II 18815 250mm Optical Glass Wide Angle Port II		
	Canon EF 16-35mm f/4L IS USM	16317 + 16318 RC1635f4-Z + RC1635f4-F	21130 Extension Ring 30 with Lock	* 85204 WACP - 2	On APS-C Sensor	Lens FOV 84-44° Converted FOV 98-51°
					On Full Frame Sensor	Lens FOV 107-63° Converted FOV 128-72°
			21160 Extension Ring 60 with Lock	85201 WACP - 1	On APS-C Sensor	Lens FOV 71-45° Converted FOV 123-78° Zoom Range 20-35mm
					On Full Frame Sensor	Lens FOV 75-63° Converted FOV 130-109° Zoom Range 28-35mm
			21170 Extension Ring 70 with Lock	18802 8.5" Acrylic Dome Port		
			21180 Extension Ring 80 with Lock	* 18812 230mm Optical Glass Wide Angle Port II 18815 250mm Optical Glass Wide Angle Port II		
	ZEISS Distagon T* 15mm f/2.8 ZM	16319 ZC15-F	21155 Extension Ring 55 with Lock	18812 230mm Optical Glass Wide Angle Port II		* This setup is not compatible with Extension Rings SN:A055053 before 09/2016
	ZEISS Milvus 18mm f/2.8 ZE	16329 ZMC-F	21150 Extension Ring 50 with Lock	18809 180mm Optical Glass Wide Angle Port * 18812 230mm Optical Glass Wide Angle Port II		
	ZEISS Milvus 21mm f/2.8 ZE	16329 ZMC-F	21150 Extension Ring 50 with Lock	18809 180mm Optical Glass Wide Angle Port * 18812 230mm Optical Glass Wide Angle Port II		
FISHEYE APS-C	Tokina AT-X 107 AF DX Fisheye AF 10-17mm f/3.5-4.5	19529 TC1017-Z		18804 4.33" Acrylic Dome Port for Tokina 10-17mm		
			21110 Extension Ring 10 with Screws	* 18810 140mm Optical Glass Fisheye Port		

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 port system based on best optical performance

* Secondary setup recommendation based on optical performance



N120 CINEMA PORT SYSTEM FOR EF & RF-MOUNT CAMERA SYSTEM (RED, CANON, PANASONIC, Z-CAM, BLACKMAGIC)

	CAMERA LENS	GEAR	EXTENSION RING	PORT	OPTICAL PERFORMANCE
FISHEYE APS-C	Tokina AT-X 107 AF DX Fisheye AF 10-17mm f/3.5-4.5	19529 TC1017-Z	21120 Extension Ring 20 with Lock	18802 8.5" Acrylic Dome Port 18812 230mm Optical Glass Wide Angle Port II	
	Tokina AT-X 107 AF DX Fisheye AF with Kenko 1.4x Teleplus Pro 300 DGX	19529 TC1017-Z + 1.4X	21120 Extension Ring 20 with Lock 21130 Extension Ring 30 with Lock 21140 Extension Ring 40 with Lock	18804 4.33" Acrylic Dome Port for Tokina 10-17mm * 18810 140mm Optical Glass Fisheye Port 18802 8.5" Acrylic Dome Port 18812 230mm Optical Glass Wide Angle Port II	
	Canon EF 8-15mm f/4L Fisheye USM	19537 C815-Z	21130 Extension Ring 30 with Lock	* 18811 140mm Optical Glass Fisheye Port with Removable Shade 18812 230mm Optical Glass Wide Angle Port II	
	Canon EF 8-15mm f/4L Fisheye USM with Kenko 1.4x Teleplus Pro 300 DGX	19537 + 19541 C815-Z + C815-F 19538 C815-Z + 1.4X	21150 Extension Ring 50 with Lock	18802 8.5" Acrylic Dome Port * 18811 140mm Optical Glass Fisheye Port with Removable Shade 18812 230mm Optical Glass Wide Angle Port II	
FISHEYE FULL FRAME	Canon EF 8-15mm f/4L Fisheye USM	19537 C815-Z	21130 Extension Ring 30 with Lock	* 18811 140mm Optical Glass Fisheye Port with Removable Shade 18812 230mm Optical Glass Wide Angle Port II	
	Canon EF 8-15mm f/4L Fisheye USM with Kenko 1.4x Teleplus Pro 300 DGX	19537 + 19541 C815-Z + C815-F 19538 C815-Z + 1.4X	21150 Extension Ring 50 with Lock	18802 8.5" Acrylic Dome Port * 18811 140mm Optical Glass Fisheye Port with Removable Shade 18812 230mm Optical Glass Wide Angle Port II	