



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	On APS-C Sensor	Max. Magnification Working Distance	1.6X 38-120mm
						81201 SMC - 1	On APS-C Sensor	Max. Magnification Working Distance	1.6X 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	On APS-C Sensor	Max. Magnification Working Distance	1.6X 38-120mm
						81201 SMC - 1	On APS-C Sensor	Max. Magnification Working Distance	1.6X 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	On APS-C Sensor	Max. Magnification Working Distance	2.1X 45-95mm
						81202 SMC - 2	On APS-C Sensor	Max. Magnification Working Distance	3.4X 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	On APS-C Sensor	Max. Magnification Working Distance	2.1X 45-95mm
						81202 SMC - 2	On APS-C Sensor	Max. Magnification Working Distance	3.4X 23-39mm
	Canon RF 100mm f/2.8L Macro IS USM	19575 CRF100-F <i>* please contact us if SA control is needed</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	On APS-C Sensor	Max. Magnification Working Distance	2.3X 29-80mm
						81202 SMC - 2	On APS-C Sensor	Max. Magnification Working Distance	3.3X 16-35mm
						81301 CMC - 1	On APS-C Sensor	Max. Magnification Working Distance	2.8X 18-85mm
						81302 CMC - 2	On APS-C Sensor	Max. Magnification Working Distance	2.4X 34-121mm
					SMC/CMC Option 2 - Bayonet Mount 83250 + 83214 M67 to Bayonet Mount Converter II + Bayonet Mount Adaptor for SMC/CMC	81201 SMC - 1	On APS-C Sensor	Max. Magnification Working Distance	2.3X 29-80mm
						81202 SMC - 2	On APS-C Sensor	Max. Magnification Working Distance	3.3X 16-35mm
						81301 CMC - 1	On APS-C Sensor	Max. Magnification Working Distance	2.8X 18-85mm
						81302 CMC - 2	On APS-C Sensor	Max. Magnification Working Distance	2.4X 34-121mm
	83250 M67 to Bayonet Mount Converter II	87302 EMWL Set #2	On Full Frame Sensor	Lens FOV Converted FOV	24° 60°/100°/130°				
		87303 EMWL Set #3	On Full Frame Sensor	Lens FOV Converted FOV	24° 60°/100°/130°				
Laowa 24mm f/14 2X Macro Probe	16335 Laowa24 Gear Set	21170 N120 Extension Ring 70	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>					

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* Recommended port system based on best optical performance

* Secondary setup recommendation based on optical performance



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STANDARD ZOOM APS-C	Canon EF-S 18-55mm f/3.5-5.6 IS STM	16330 RC1855STM Gear Set	21125 N120 Extension Ring 25 with Lock	85201 WACP - 1	On APS-C Sensor Lens FOV Converted FOV Zoom Range 71-29° 123-50° 20-55mm
	Sigma 17-70mm F2.8-4 DC Macro OS HSM C	16331 RSC1770OSC Gear Set	21140 N120 Extension Ring 40	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		* 85202 WACP-1 for Sigma 18-35mm F1.8	On APS-C Sensor Lens FOV Converted FOV Zoom Range 71-46° 123-79.5° 20-35mm
			21180 N120 Extension Ring 80	18802 8.5" Acrylic Dome Port 18809 180mm Optical Glass Wide Angle Port * 18812 230mm Optical Glass Wide Angle Port II	
			21130 + 21135 N120 Extension Ring 30 + N120 Extension Ring 35	85201 WACP - 1	On APS-C Sensor Lens FOV Converted FOV Zoom Range 71-46° 123-79.5° 20-35mm
			21150 + 21150 N120 Extension Ring 50 + N120 Extension Ring 50	18815 250mm Optical Glass Wide Angle Port II	
STANDARD ZOOM FULL FRAME	Canon EF 24-70mm f/2.8L II USM	16313 + 16314 RC2470II-Z + RC2470II-F	21170 N120 Extension Ring 70	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 N120 Extension Ring 70	18802 8.5" Acrylic Dome Port * 18809 180mm Optical Glass Wide Angle Port 18812 230mm Optical Glass Wide Angle Port II	
	Canon EF 28-70mm f/3.5-4.5 II	16334 RC2870II Gear Set	21125 N120 Extension Ring 25 with Lock	85201 WACP - 1	On APS-C Sensor Lens FOV Converted FOV 52-22° 90-38° On Full Frame Sensor Lens FOV Converted FOV 75-34° 130-59°
	Canon RF 28-70mm f2L USM	16343 RC2870f2 Gear Set	21140 Extension Ring 40 with Lock	85204 WACP - 2 * This setup is only compatible with WACP-2 SN:A526311 onwards	On Full Frame Sensor Lens FOV Converted FOV Zoom Range 75-63° 85-72° 28-35mm
			21160 Extension Ring 60 with lock	18812 230mm Optical Glass Wide Angle Port II	
			21180 Extension Ring 80 with Lock	* 18809 180mm Optical Glass Wide Angle Port 18815 250mm Optical Glass Wide Angle Port II	

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	CAMERA LENS	GEAR	EXTENSION RING	PORT		OPTICAL PERFORMANCE
WIDE ANGLE APS-C	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 N120 Extension Ring 10	85204 WACP - 2 <i>* This setup is only compatible with WACP-2 before SN:A526311</i>	On APS-C Sensor	Lens FOV 108-63° Converted FOV 128-72°
			22110 N120 Extension Ring 10 II	85204 WACP - 2 <i>* This setup is only compatible with WACP-2 SN:A526311 onwards</i>	On APS-C Sensor	Lens FOV 108-63° Converted FOV 128-72°
			21120 N120 Extension Ring 20	23211 8.5" white balance acrylic dome port		
			21160 N120 Extension Ring 60	18802 8.5" Acrylic Dome Port		
	Sigma 8-16mm F4.5-5.6 DC HSM	16305 + 16306 RSC816-Z + RSC816-F	21140 N120 Extension Ring 40	* 18812 230mm Optical Glass Wide Angle Port II		
				18815 250mm Optical Glass Wide Angle Port II		
			21150 N120 Extension Ring 50	18809 180mm Optical Glass Wide Angle Port		
				18802 8.5" Acrylic Dome Port		
	Sigma 12-24mm F24 DG HSM Art	16327 RSC1224A Gear Set	21150 N120 Extension Ring 50	* 18812 230mm Optical Glass Wide Angle Port II		
				18815 250mm Optical Glass Wide Angle Port II		
			21160 N120 Extension Ring 60	* 18812 230mm Optical Glass Wide Angle Port II	<i>* This setup is not compatible with Extension Rings SN:A213191 before 09/2016</i>	
				18815 250mm Optical Glass Wide Angle Port II	<i>* This setup is not compatible with Extension Rings SN:A201966 before 09/2016</i>	
	Tokina AT-X 11-20mm F2.8 PRO DX	16328 RTC1120 Gear Set	21120 N120 Extension Ring 20	85204 WACP - 2	On APS-C Sensor	Lens FOV 100-68° Converted FOV 118-78°
			21160 N120 Extension Ring 60	18802 8.5" Acrylic Dome Port		
	Tokina AT-X 116 PRO DX AF 11-16mm f/2.8	16309 + 16310 RSC1116-Z + RSC1116-F	21110 N120 Extension Ring 10	18809 180mm Optical Glass Wide Angle Port		
				* 18812 230mm Optical Glass Wide Angle Port II		
				18815 250mm Optical Glass Wide Angle Port II		
				85204 WACP - 2 <i>* This setup is only compatible with WACP-2 before SN:A526311</i>	On APS-C Sensor	Lens FOV 110-81° Converted FOV 118-92°

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WIDE ANGLE APS-C	Tokina AT-X 116 PRO DX AF 11-16mm f/2.8	16309 + 16310 RSC1116-Z + RSC1116-F	22110 N120 Extension Ring 10 II	85204 WACP - 2 <i>* This setup is only compatible with WACP-2 SN:A526311 onwards</i>	On APS-C Sensor Lens FOV 110-81° Converted FOV 118-92°
			21160 N120 Extension Ring 60	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	
WIDE ANGLE FULL FRAME	Canon EF 11-24mm f/4L USM	16315 + 16316 RC1124-Z + RC1124-F	21150 N120 Extension Ring 50	* 18815 250mm Optical Glass Wide Angle Port II	* This setup is not compatible with Extension Rings I SN:A201966 before 09/2016
			21170 N120 Extension Ring 70	18812 230mm Optical Glass Wide Angle Port II	* This setup is not compatible with Extension Rings I SN:A201966 before 09/2016
			21271 N120 Extension Ring 70 with Focus Knob	18812 230mm Optical Glass Wide Angle Port II	
	Canon RF 14-35mm f/4L IS USM	16342 CR1435 Gear Set	21110 N120 Extension Ring 10	85204 WACP - 2 <i>* This setup is only compatible with WACP-2 before SN:A526311</i>	On APS-C Sensor Lens FOV 89-42° Converted FOV 104-48°
					On Full Frame Sensor Lens FOV 114-63° Converted FOV 140-72°
			22110 N120 Extension Ring 10 II	85204 WACP - 2 <i>* This setup is only compatible with WACP-2 SN:A526311 onwards</i>	On APS-C Sensor Lens FOV 89-42° Converted FOV 104-48°
					On Full Frame Sensor Lens FOV 114-63° Converted FOV 140-72°
			21140 N120 Extension Ring 40	18809 180mm Optical Glass Wide Angle Port	
			21155 N120 Extension Ring 55	18802 8.5" Acrylic Dome Port	
				* 18812 230mm Optical Glass Wide Angle Port II	
				18815 250mm Optical Glass Wide Angle Port II	
	Canon RF 15-35mm f/2.8L IS USM	16341 CR1535 Gear Set	21135 N120 Extension Ring 35	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 / 22170 N120 Extension Ring 70 I / II	18802 8.5" Acrylic Dome Port	
				18809 180mm Optical Glass Wide Angle Port	
				* 18812 230mm Optical Glass Wide Angle Port II	

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WIDE ANGLE FULL FRAME	Canon RF 15-35mm f/2.8L IS USM	16341 CR1535 Gear Set	21180 N120 Extension Ring 80	18815 250mm Optical Glass Wide Angle Port II	
	Canon EF 16-35mm f/2.8 II USM	16311 + 16312 RC1635II-Z + RC1635II-F	21130 N120 Extension Ring 30	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 N120 Extension Ring 70	18802 8.5" Acrylic Dome Port 18809 180mm Optical Glass Wide Angle Port	
			21180 N120 Extension Ring 80	* 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	16325 RC1635III Gear Set	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	
	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 18809 180mm Optical Glass Wide Angle Port	

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WIDE ANGLE FULL FRAME	Canon EF 16-35mm f/4L IS USM	16317 + 16318 RC1635f4-Z + RC1635f4-F	21180 Extension Ring 80 with Lock	* 18812 230mm Optical Glass Wide Angle Port II 18815 250mm Optical Glass Wide Angle Port II	* This setup is not compatible with Extension Rings SN:A055053 before 09/2016
	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	
	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	16307 + 16308 RTC1017-Z + RTC1017-F		18804 4.33" Acrylic Dome Port for Tokina 10-17mm	
			21110 N120 Extension Ring 10	* 18810 140mm Optical Glass Fisheye Port * This setup is only compatible with 18810 before SN:A490446	
			22110 N120 Extension Ring 10 II	* 18810 140mm Optical Glass Fisheye Port * This setup is only compatible with 18810 SN:A490446 onwards	
			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	16320 + 16321 RTC1017+1.4-Z + RTC1017+1.4-F	21120 Extension Ring 20 with Lock	18804 4.33" Acrylic Dome Port for Tokina 10-17mm	
			21130 Extension Ring 30 with Lock	* 18810 140mm Optical Glass Fisheye Port	
			21140 Extension Ring 40 with Lock	18802 8.5" Acrylic Dome Port 18812 230mm Optical Glass Wide Angle Port II	
FISHEYE FULL FRAME	Canon EF 8-15mm f/4L Fisheye USM	16301 + 16302 RC815-Z + RC815-F	21130 Extension Ring 30 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	

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FISHEYE FULL FRAME	Canon EF 8-15mm f/4L Fisheye USM with Kenko 1.4x Teleplus Pro 300 DGX	16322 + 16323 RC815+1.4-Z + RC815+1.4-F	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	

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