



N120 PORT SYSTEM FOR NIKON Z-MOUNT CAMERA SYSTEM
(FX Format Lens)

	CAMERA LENS	GEAR	EXTENSION RING	PORT	MOUNT CONVERTER	WET LENS	OPTICAL PERFORMANCE
MACRO FX	NIKKOR Z MC 50mm f/2.8 Macro		21110 N120 Extension Ring 10	18706 Macro Port 12 <i>* This setup is only compatible with 18706 before SN:A524910</i>	SMC/CMC Option 1 - M67 Thread 81228 M67 Spacer Ring for SMC/CMC <i>(included in all SMC/CMC packaging)</i>	81301 CMC - 1	Max. Magnification 1.6X Working Distance 8-64mm
							Max. Magnification 1.4X Working Distance 16-109mm
						81301 CMC - 1	Max. Magnification 1.6X Working Distance 8-64mm
							Max. Magnification 1.4X Working Distance 16-109mm
			22110 N120 Extension Ring 10 II	18706 Macro Port 12 <i>* This setup is only compatible with 18706 SN:A524910 onwards</i>	SMC/CMC Option 1 - M67 Thread 81228 M67 Spacer Ring for SMC/CMC <i>(included in all SMC/CMC packaging)</i>	81301 CMC - 1	Max. Magnification 1.6X Working Distance 8-64mm
							Max. Magnification 1.4X Working Distance 16-109mm
					SMC/CMC Option 2 - Bayonet Mount 83250 + 83214 M67 to Bayonet Mount Converter II + Bayonet Mount Adaptor for SMC/CMC	81301 CMC - 1	Max. Magnification 1.6X Working Distance 8-64mm
							Max. Magnification 1.4X Working Distance 16-109mm
	Nikkor Z MC 105mm f/2.8 VR S Macro	19161 NZ105VR-F		18708 Macro Port 80	SMC/CMC Option 1 - M67 Thread 81228 M67 Spacer Ring for SMC/CMC <i>(included in all SMC/CMC packaging)</i>	81201 SMC - 1	Max. Magnification 2.2X Working Distance 45-94mm
							Max. Magnification 3.6X Working Distance 22-38mm
					SMC/CMC Option 2 - Bayonet Mount 83250 + 83214 M67 to Bayonet Mount Converter II + Bayonet Mount Adaptor for SMC/CMC	81201 SMC - 1	Max. Magnification 2.2X Working Distance 45-94mm
							Max. Magnification 3.6X Working Distance 22-38mm
			21120 Extension Ring 20 with Lock	18701 Macro port 60	83250 M67 to Bayonet Mount Converter II	87302 EMWL Set #2	Lens FOV 23° Converted FOV 60°/100°/130°
					SMC/CMC Option 1 - M67 Thread 81228 M67 Spacer Ring for SMC/CMC <i>(included in all SMC/CMC packaging)</i>	81201 SMC - 1	Max. Magnification 2.2X Working Distance 45-94mm
							Max. Magnification 3.6X Working Distance 22-38mm
STANDARD ZOOM FX	Nikkor Z 24-70mm f/2.8 S Lens	19157 NZ2470f2.8S-Z	21125 Extension Ring 25 with Lock	85204 WACP - 2			Lens FOV 84-46° Converted FOV 98-56°
			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			

1. We recommend to use #83201 WWL-1 with the pre-installed bayonet mounting ring. #83211 M67 mounting ring (included in WWL-1 package) can also be mounted on the WWL-1 and attach on M67 threaded port directly.

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



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	CAMERA LENS	GEAR	EXTENSION RING	PORT	OPTICAL PERFORMANCE
STANDARD ZOOM FX	Nikkor Z 24-70mm f/4 S Lens	19154 NZ2470-Z	<div>21120 Extension Ring 20 with Lock</div> <div>21140 Extension Ring 40 with Lock</div>	<div>85201 WACP - 1</div> <div>18802 8.5" Acrylic Dome Port</div> <div>* 18809 180mm Optical Glass Wide Angle Port</div> <div>18812 230mm Optical Glass Wide Angle Port II</div>	<div>Lens FOV75-70°</div> <div>Converted FOV130-121°</div> <div>Zoom Range28-32mm</div>
	Nikkor Z 28-75mm f/2.8 Lens	19162 NZ2875-Z	<div>21135 Extension Ring 35 with Lock</div> <div>21180 Extension Ring 80 with Lock</div> <div>21170 Extension Ring 70 with Lock</div>	<div>85201 WACP - 1</div> <div>18802 8.5" Acrylic Dome Port</div> <div>18809 180mm Optical Glass Wide Angle Port</div> <div>* 18812 230mm Optical Glass Wide Angle Port II</div> <div>18815 250mm Optical Glass Wide Angle Port II</div>	<div>Lens FOV75-48°</div> <div>Converted FOV130-83°</div> <div>Zoom Range28-48mm</div>
WIDE ANGLE FX	Nikkor Z 14-24mm f/2.8 S	19160 NZ1424-Z	<div>21110 N120 Extension Ring 10</div> <div>22110 N120 Extension Ring 10 II</div> <div>21140 Extension Ring 40 with Lock</div> <div>21155 Extension Ring 55 with Lock</div>	<div>85204 WACP - 2</div> <div>* This setup is only compatible with WACP-2 before SN:A526311</div> <div>85204 WACP - 2</div> <div>* This setup is only compatible with WACP-2 SN:A526311 onwards</div> <div>18809 180mm Optical Glass Wide Angle Port</div> <div>18802 8.5" Acrylic Dome Port</div> <div>* 18812 230mm Optical Glass Wide Angle Port II</div> <div>18815 250mm Optical Glass Wide Angle Port II</div>	<div>Lens FOV114-87°</div> <div>Converted FOV140-98°</div> <div>Lens FOV114-87°</div> <div>Converted FOV140-98°</div>
	Nikkor Z 14-30mm f/4 S	19156 NZ1430-Z	<div>21150 Extension Ring 50 with Lock</div>	<div>85204 WACP - 2</div> <div>18802 8.5" Acrylic Dome Port</div> <div>* 18812 230mm Optical Glass Wide Angle Port II</div>	<div>Lens FOV114-72°</div> <div>Converted FOV140-81°</div>
	Nikkor Z 35mm f1.8 S			<div>85201 WACP - 1</div>	<div>Lens FOV63°</div> <div>Converted FOV110°</div>
SONY E-MOUNT	Sony SEL2870 FE 28-70mm F3.5-5.6 OSS with Techart PRO Autofocus Adaptor	19158 NE2870-Z	<div>21120 Extension Ring 20 with Lock</div>	<div>85201 WACP - 1</div>	<div>Lens FOV75-34°</div> <div>Converted FOV130-59°</div>

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NIKON F-MOUNT	Nikon F-mount Lenses with Nikon Adaptor FTZ			N120 Nikon F-Mount Port System	

1. We recommend to use #83201 WWL-1 with the pre-installed bayonet mounting ring. #83211 M67 mounting ring (included in WWL-1 package) can also be mounted on the WWL-1 and attach on M67 threaded port directly.

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