



N120 PORT SYSTEM FOR PANASONIC L-MOUNT CAMERA SYSTEM (Full Frame Format Lens)

	CAMERA LENS	GEAR	EXTENSION RING	PORT	MOUNT CONVERTER	WET LENS	OPTICAL PERFORMANCE	
MACRO FULL FRAME	Sigma 105mm F2.8 DG DN Macro Art				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 2.4X Working Distance 46-78mm
							81202 SMC - 2	Max. Magnification 3.7X Working Distance 23-33mm
						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 2.4X Working Distance 46-78mm
							81202 SMC - 2	Max. Magnification 3.7X Working Distance 23-33mm
						83250 M67 to Bayonet Mount Converter II	87301 EMWL Set #1	Lens FOV 23.3° Converted FOV 60°/100°/130°
		21120 Extension Ring 20 with Lock	18701 Macro Port 60	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 2.4X Working Distance 46-78mm		
				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 2.4X Working Distance 46-78mm		
				83250 M67 to Bayonet Mount Converter II	81202 SMC - 2	Max. Magnification 3.7X Working Distance 23-33mm		
					87301 EMWL Set #1	Lens FOV 23.3° Converted FOV 60°/100°/130°		
STANDARD ZOOM FULL FRAME	Panasonic Lumix S 20-60mm f/3.5-5.6	19731 PL2060-Z	21130 Extension Ring 30 with Lock	18802 8.5" Acrylic Dome Port				
				* 18809 180mm Optical Glass Wide Angle Port				
				18812 230mm Optical Glass Wide Angle Port II				
	Panasonic Lumix S PRO 24-70mm f/2.8	19730 PL2470-Z	21170 Extension Ring 30 with Lock	18802 8.5" Acrylic Dome Port				
				* 18809 180mm Optical Glass Wide Angle Port				
				18812 230mm Optical Glass Wide Angle Port II				
			21190 Extension Ring 90 with Lock	18815 250mm Optical Glass Wide Angle Port II				
	Panasonic Lumix S 24-105mm f/4	19721 PS24105-Z	21135 Extension Ring 35 with Lock	* 85201 WACP - 1			Lens FOV 75-65° Converted FOV 130-112° Zoom Range 28-33mm	
			21150 Extension Ring 50 with Lock	18802 8.5" Acrylic Dome Port				
			* 18809 180mm Optical Glass Wide Angle Port					
			18812 230mm Optical Glass Wide Angle Port II					
	19721 + 19724 PS24105-Z + PS24105-F	21250 Extension Ring 50 with Focu Knob	18809 180mm Optical Glass Wide Angle 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 PORT SYSTEM FOR PANASONIC L-MOUNT CAMERA SYSTEM (Full Frame & EF-Mount with Sigma Mount Converter MC-21 Format Lens)

	CAMERA LENS	GEAR	EXTENSION RING	PORT	OPTICAL PERFORMANCE
WIDE ANGLE FULL FRAME	Panasonic Lumix S PRO 16-35mm f/4	19728 PL1635-Z		85204 WACP - 2	Lens FOV 105-63° Converted FOV 128-72°
		19728 + 19729 PL1635-Z + PL1635-F	21250 Extension Ring 50 with Focu Knob	18812 230mm Optical Glass Wide Angle Port II	
	Sigma 14-24mm F2.8 DG DN Art	19726 SLE1424-Z	21125 Extension Ring 25 with Lock	85204 WACP - 2	Lens FOV 94-84° Converted FOV 115-98° Zoom Range 20-24mm
			21150 Extension Ring 50 with Lock	18809 180mm Optical Glass Wide Angle Port	
Leica Super-Vario-Elmar-SL 16-35mm f/3.5-4.5 ASPH	19722 LS1635-Z	21160 Extension Ring 60 with Lock	18809 180mm Optical Glass Wide Angle Port		
		21170 Extension Ring 50 with Lock	18802 8.5" Acrylic Dome Port		
	19722 + 19723 LS1635-Z + LS1635-F	21271 Extension Ring 70 with Focu Knob	* 18812 230mm Optical Glass Wide Angle Port II		
			18815 250mm Optical Glass Wide Angle Port II		
SIGMA EF-MOUNT (with Sigma Mount Converter MC-21) FULL FRAME	Sigma 12-24mm F4 DG HSM Art	19556 SC1224A-Z	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:A143566 before 09/2016
	Sigma 14mm F1.8 DG HSM Art	19563 SC14A-F	21170 Extension Ring 70 with Lock	18802 8.5" Acrylic Dome Port	* This setup is not compatible with Extension Rings SN:A201966 before 09/2016
				* 18812 230mm Optical Glass Wide Angle Port II	
Sigma 14-24mm F2.8 DG HSM Art	19564 SC1424A-Z	21160 Extension Ring 60 with Lock	18809 180mm Optical Glass Wide Angle Port		
		21170 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		

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 PORT SYSTEM FOR PANASONIC L-MOUNT CAMERA SYSTEM (EF-Mount with Sigma Mount Converter MC-21 Format Lens)

	CAMERA LENS	GEAR	EXTENSION RING	PORT	OPTICAL PERFORMANCE
SIGMA EF-MOUNT (with Sigma Mount Converter MC-21) FULL FRAME	Sigma 14-24mm F2.8 DG DN Art	19726 SLE1424-Z 19726 + 19727 SLE1424-Z + SLE1424-F	21160 Extension Ring 60 with Lock 21250 Extension Ring 50 with Focus Knob	18802 8.5" Acrylic Dome Port 18812 230mm Optical Glass Wide Angle Port II * 18815 250mm Optical Glass Wide Angle Port II	
	Sigma 20mm F1.4 DG HSM Art		21160 Extension Ring 60 with Lock 21170 Extension Ring 70 with Lock	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	
CANON EF-MOUNT (with Sigma Mount Converter MC-21) FULL FRAME	Canon EF 28-70mm f/3.5-4.5 II with Sigma Mount Converter MC-21	19725 Gear Set for Canon 2870 with MC-21 19557 C2870f3.5II-Z	21230 Extension Ring 30 with Focus Knob 21125 Extension Ring 25 with Lock	85201 WACP - 1 85201 WACP - 1	Lens FOV Converted FOV Zoom Range Lens FOV Converted FOV Zoom Range
	Other Canon EF-mount Lenses with Sigma Mount Converter MC-21			N120 Canon EF-Mount Port System	72-34° 128-59° 30-70mm 75-34° 130-59° 28-70mm

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