N100 PORT SYSTEM FOR SONY E-MOUNT CAMERA SYSTEM

(Full Frame Format Lens)

MACRO FULL FRAME

CAMERA LENS	GEAR	PORT ADAPTOR	EXTENSION RING	PORT	MOUNT CONVERTER	WET LENS	OPTICAL PERFORMANCE
Sony SEL50M18 **FE 50mm f/1.8**				**37123** N100 Macro Port 55			
				37123 N100 Macro Port 55 * These setups are only recommanded to use with Crop/APS-C format enabled to avoid vignetting	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 60-77mm
					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 0.6X Working Distance 37-48mm
					83250 M67 to Bayonet Mount Converter II (included in all MWL-1 packaging)	**86201** MWL - 1	Lens FOV 31° Converted FOV 116°
Sony SEL50M28 **FE 50mm f/2.8 Macro**			**37402** N100 Extension Ring 40	**37127** N100 Flat Port 32			
Sony SEL55F18Z AE **Sonnar T* FE 55mm F1.8 ZA**				**37123** N100 Macro Port 55			
Sony SEL90M28G **FE 90mm f/2.8 Macro G OSS**	**37147** SE90-F			**37126** N100 Macro Port 105	SMC/CMC Option 1 - M67 Thread **81228** M67 Spacer Ring for SMC/CMC (included in all SMC/CMC packaging)	**81201** SMC - 1	Max. Magnification 2.2X Working Distance 45-93mm
					SMC/CMC Option 2 - Bayonet Mount **83250 + 83214** M67 to Bayonet Mount Converter II + Bayonet Mount Adaptor for SMC/CMC	**81202** SMC - 2	Max. Magnification 3.4X Working Distance 22-36mm
					83250 M67 to Bayonet Mount Converter II	**87303** EMWL Set#3	Lens FOV 27° Converted FOV 60°/100°/130°/160°
Sigma 105mm **F2.8 DG DN Macro Art**	**37166** SGE105-F			**37125** N100 Macro Port 110	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 49-80mm
		37305 N100 to N120 35.5mm Port Adaptor II	**22120** N120 Extension Ring 20 II	**18701** Macro Port 60	SMC/CMC Option 2 - Bayonet Mount **83250 + 83214** M67 to Bayonet Mount Converter II + Bayonet Mount Adaptor for SMC/CMC	**81202** SMC - 2	Max. Magnification 3.6X Working Distance 26-35mm
Laowa 24mm **f/14 2X Macro Probe**	**19155** N120 DSLR Gear Set	**37305** N100 to N120 35.5mm Port Adaptor II	**22170 + 22171** N120 Extension Ring 70 II + Focus Knob	**16336** N120 Port Adaptor			

WIDE ANGLE FULL FRAME

CAMERA LENS	GEAR	PORT ADAPTOR	EXTENSION RING	PORT	MOUNT CONVERTER	WET LENS	OPTICAL PERFORMANCE
Sony SEL1224GM **FE 12-24mm F2.8 GM**	**37161** SFE1224GM-Z	**37305** N100 to N120 35.5mm Port Adaptor II	**22155** N120 Extension Ring 55 II * This setup is not compatible with Extension Rings I before SN:A055053 09/2016	**18812** 230mm Optical Glass Wide Angle Port			
	37161 + 37162 SFE1224GM-Z + SFE1224GM-F						
Sony SEL1224G **FE 12-24mm F4 G**	**37153** SFE1224-Z	**37305** N100 to N120 35.5mm Port Adaptor II	**22140** N120 Extension Ring 40 II	**18812** 230mm Optical Glass Wide Angle Port			
	37153 + 37154 SFE1224-Z + SFE1224-F						
Sony FE 14mm **f/1.8 GM**			**37401 + 37402** N100 Extension Ring 30 + N100 Extension Ring 40	**85207** N120/N100 FCP - 1			Circular Fisheye (remove shade) Converted FOV 180° Zoom Range at 14mm only
		37305 N100 to N120 35.5mm Port Adaptor II	**22120** N120 Extension Ring 20 II	**18809** 180mm Optical Glass Wide Angle Port			
			22130 N120 Extension Ring 30 II	**18802** 8.5" Acrylic dome port			
				* **18812** 230mm Optical Glass Wide Angle Port			
				18815 250mm Optical Glass Wide Angle Port			
			22135 N120 Extension Ring 35 II	**85207** N120/N100 FCP - 1			Circular Fisheye (remove shade) Converted FOV 180° Zoom Range at 14mm only
		37306 N100 to N120 25mm Port Adaptor		* **85204** N120 WACP - 2			Lens FOV 114° Converted FOV 140°
Sony SEL1635GM **FE 16-35mm F2.8 GM**	**37155** SFE1635GM-Z	**37305** N100 to N120 35.5mm Port Adaptor II	**22130** N120 Extension Ring 30 II	**85204** N120 WACP - 2			Lens FOV 107-63° Converted FOV 128-77°
	37155 + 37156 SFE1635GM-Z + SFE1635GM-F		**22160** N120 Extension Ring 60 II	**18809** 180mm Optical Glass Wide Angle Port			
			22170 N120 Extension Ring 70 II	* **18812** 230mm Optical Glass Wide Angle Port			
Sony SEL1635GM2 **FE 16-35mm f/2.8 GM II**	**37175** SFE1635GMII-Z	**37305** N100 to N120 35.5mm Port Adaptor II	**21110** N120 Extension Ring 10	**85204** N120 WACP - 2 * This setup is only compatible with WACP-2 before SN:A526311			Lens FOV 107-63° Converted FOV 128-77°
			22110 N120 Extension Ring 10 II	* **85204** N120 WACP - 2 * This setup is only compatible with WACP-2 after SN:A526311			
			22140 N120 Extension Ring 40 II	**85206** N120/N100 WACP - 1B			On APS-C Sensor Lens FOV 75-45° Converted FOV 130-78°
				85201 N120 WACP - 1			On Full Frame Sensor Lens FOV 75-63° Converted FOV 130-109° Zoom Range 28-35mm
			22150 N120 Extension Ring 50 II	**18809** 180mm Optical Glass Wide Angle Port			
			22160 N120 Extension Ring 60 II	**18802** 8.5" Acrylic dome port			
				* **18812** 230mm Optical Glass Wide Angle Port			
Sony SEL1635Z **Vario-Tessar T* FE 16-35mm F4 ZA OSS**	**37145** SE1635-Z		**37401 + 37403** N100 Extension Ring 30 + N100 Extension Ring 50	**37129** N100 180mm Optical Glass Wide Angle Port			
	37145 + 37146 SE1635-Z + SE1635-F	**37305** N100 to N120 35.5mm Port Adaptor II	**21110** N120 Extension Ring 10	**85204** N120 WACP - 2 * This setup is only compatible with WACP-2 before SN:A526311			Lens FOV 107-63° Converted FOV 128-77°
			22110 N120 Extension Ring 10 II	* **85204** N120 WACP - 2 * This setup is only compatible with WACP-2 after SN:A526311			
			22150 N120 Extension Ring 50 II	**18809** 180mm Optical Glass Wide Angle Port			
			22160 N120 Extension Ring 60 II	* **18812** 230mm Optical Glass Wide Angle Port			
Sony FE PZ 16-35mm **f/4 G**	**37172** SFE1635-Z		**37403** N100 Extension Ring 50	**37129** N100 180mm Optical Glass Wide Angle Port			
			37401 + 37401 N100 Extension Ring 30 + N100 Extension Ring 30	**85205** N100 WACP - C			Lens FOV 75-63° Converted FOV 130-109° Zoom Range 28-35mm
		37305 N100 to N120 35.5mm Port Adaptor II	**22125** N120 Extension Ring 25 II	**18802** 8.5" Acrylic dome port			
				18812 230mm Optical Glass Wide Angle Port			
			22120 N120 Extension Ring 20 II	**18809** 180mm Optical Glass Wide Angle Port			
			22135 N120 Extension Ring 35 II	* **18815** 250mm Optical Glass Wide Angle Port			
			21110 N120 Extension Ring 10	**85201** N120 WACP - 1 * This setup is only compatible with WACP-1 before SN: A502435			Lens FOV 75-63° Converted FOV 130-109° Zoom Range 28-35mm
			22110 N120 Extension Ring 10 II	**85201** N120 WACP - 1 * This setup is only compatible with WACP-1 after SN: A502435			
				85206 N120/N100 WACP - 1B			
		37306 N100 to N120 25mm Port Adaptor		* **85204** N120 WACP - 2			Lens FOV 107-63° Converted FOV 128-77°
Sony FE 24mm **f/2.8 G**				**37130** N100 Flat Port 23	**83250** M67 to Bayonet Mount Converter II	**83203** WWL-C	Lens FOV 84° Converted FOV 130°
Sony FE 24mm **f/1.4 GM**		**37305** N100 to N120 35.5mm Port Adaptor II	**22140** N120 Extension Ring 40 II	**18802** 8.5" Acrylic dome port			
				* **18809** 180mm Optical Glass Wide Angle Port			
				85204 N120 WACP - 2			Lens FOV 84° Converted FOV 98°
Sony FE PZ 28-135mm **f/4 G OSS**	**37169** SFE28135-Z	**37305** N100 to N120 35.5mm Port Adaptor II	**22190** N120 Extension Ring 90 II	**18812** 230mm Optical Glass Wide Angle Port			
	37169 + 37170 STE28135-Z + STE28135-F						
Sigma 14mm **f/1.4 DG DN Art**		**37305** N100 to N120 35.5mm Port Adaptor II	**22160** N120 Extension Ring 60 II	**18809** 180mm Optical Glass Wide Angle Port * This setup is only compatible with 18809 after SN: A512606			
			22170 N120 Extension Ring 70 II	**18802** 8.5" Acrylic dome port * This setup is only compatible with 18802 after SN: A491459			
				18812 230mm Optical Glass Wide Angle Port			
				* **18815** 250mm Optical Glass Wide Angle Port			
			22190 N120 Extension Ring 90 II	**85207** N120/N100 FCP - 1			Circular Fisheye (remove shade) Converted FOV 180° Zoom Range at 14mm only
Sigma 14mm **f/1.8 DG HSM Art**		**37305** N100 to N120 35.5mm Port Adaptor II	**22160** N120 Extension Ring 60 II	**18809** 180mm Optical Glass Wide Angle Port			
			22170 N120 Extension Ring 70 II	**18802** 8.5" Acrylic dome port			
				18812 230mm Optical Glass Wide Angle Port			
				* **18815** 250mm Optical Glass Wide Angle Port			
			22190 N120 Extension Ring 90 II	**85207** N120/N100 FCP - 1			Circular Fisheye (remove shade) Converted FOV 180° Zoom Range at 14mm only
Sigma 14-24mm **F2.8 DG DN**	**19726** SLE1424-Z	**37305** N100 to N120 35.5mm Port Adaptor II	**22125** N120 Extension Ring 25 II	**85204** N120 WACP - 2			Lens FOV 94-84° Converted FOV 115-98° Zoom Range 20-24mm
			22140 N120 Extension Ring 40 II	**18809** 180mm Optical Glass Wide Angle Port			
				18812 230mm Optical Glass Wide Angle Port			
			22150 N120 Extension Ring 50 II	* **18815** 250mm Optical Glass Wide Angle Port			
			22155 N120 Extension Ring 55 II	**85207** N120/N100 FCP - 1			Circular Fisheye (remove shade) Converted FOV 180° Zoom Range at 14mm only
			22160 N120 Extension Ring 60 II	**18802** 8.5" Acrylic dome port			
	19726 + 19727 SLE1424-Z + SLE1424-F	**37305** N100 to N120 35.5mm Port Adaptor II	**22150 + 22151** N120 Extension Ring 50 II + Focus Knob	**18812** 230mm Optical Glass Fisheye Port II			
Sigma 24mm **f/3.5 DG DN**				**37127** N100 Flat Port 32	**83250** M67 to Bayonet Mount Converter II	**83203** WWL-C	Lens FOV 84° Converted FOV 130°
			37403 N100 Extension Ring 50	* **37129** N100 180mm Optical Glass Wide Angle Port			
		37305 N100 to N120 35.5mm Port Adaptor II	**22120** N120 Extension Ring 20 II	**18809** 180mm Optical Glass Wide Angle Port			
Tamron 17-28mm **f/2.8 Di III RXD**	**37157** STE1728-Z	**37305** N100 to N120 35.5mm Port Adaptor II		**85204** N120 WACP - 2			Lens FOV 104-75° Converted FOV 123-89°
	37157 + 37158 STE1728-Z + STE1728-F	**37305** N100 to N120 35.5mm Port Adaptor II	**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			
Tamron 20-40mm **f/2.8 Di III VXD**	**37177** STE2040-Z		**37403** N100 Extension Ring 50	**85205** N100 WACP - C			Lens FOV 75-56.5° Converted FOV 130-98° Zoom Range 28-40mm
				85206 N120/N100 WACP - 1B			
			37401 + 37401 N100 Extension Ring 30 + N100 Extension Ring 30	**85207** N120/N100 FCP - 1 * slight vignetting at 28mm			Lens FOV 75-56.5° Converted FOV 170-110° Zoom Range 28-40mm
			37402 + 37408 N100 Extension Ring 40 + N100 Extension Ring 35	**37129** N100 180mm Optical Glass Wide Angle Port			
		37305 N100 to N120 35.5mm Port Adaptor II	**22120** N120 Extension Ring 20 II	**85206** N120/N100 WACP - 1B			Lens FOV 75-56.5° Converted FOV 130-98° Zoom Range 28-40mm
			22140 N120 Extension Ring 40 II	**18809** 180mm Optical Glass Wide Angle Port			
				18802 8.5" Acrylic dome port			
				18812 230mm Optical Glass Wide Angle Port			
Zeiss Batis 18mm **F/2.8**		**37305** N100 to N120 35.5mm Port Adaptor II	**22120** N120 Extension Ring 20 II	**18809** 180mm Optical Glass Wide Angle Port			
Sony FE 28mm f/2 + **Sony 21mm Ultra-Wide Conversion Lens**		**37305** N100 to N120 35.5mm Port Adaptor II	**22130** N120 Extension Ring 30 II	**18809** 180mm Optical Glass Wide Angle Port			
Sony FE 28mm f/2 + **Sony 16mm Fisheye Conversion Lens**		**37305** N100 to N120 35.5mm Port Adaptor II	**22130** N120 Extension Ring 30 II	**18810** 140mm Optical Glass Wide Angle Port			
Sony Full Frame **Camera Sensor**	**36317** Filter Holder				**37202** Nikonos Adaptor	**U/W Nikkor 15 mm f/2.8**	
						U/W Nikkor 20 mm f/2.8	
						U/W Nikkor 80mm f/1.4	
						Sea & Sea 12mm f/3.5 Fisheye for Nikonos	

CANON EF-MOUNT

CAMERA LENS	GEAR	PORT ADAPTOR	EXTENSION RING	PORT	MOUNT CONVERTER	WET LENS	OPTICAL PERFORMANCE
Sigma 15mm F2.8 **EX DG Diagonal Fisheye with Metabones T Smart Adaptor III/IV/V**	**19546** SC15-F	**37305** N100 to N120 35.5mm Port Adaptor II		**18810** 140mm Optical Glass Fisheye Port			
Other Canon EF-mount Lenses with Metabones T Smart Adaptor III/IV/V		**37305** N100 to N120 35.5mm Port Adaptor II		**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