



## N100 PORT SYSTEM FOR SONY E-MOUNT CAMERA SYSTEM ( Full Frame Format Lens )

	CAMERA LENS	GEAR	PORT BASE / PORT ADAPTOR	EXTENSION RING	PORT	MOUNT CONVERTER	WET LENS	OPTICAL PERFORMANCE
MACRO FULL FRAME	Sony SEL50M28 FE 50mm f/2.8 Macro			<b>37402</b> N100 Extension Ring 40	<b>37127</b> N100 Flat Port 32			
	Sony SEL55F18Z AE Sonnar T* FE 55mm F1.8 ZA				<b>37123</b> N100 Macro Port 55			<i>* This setup is not compatible with Extension Rings I SN:A175724 before 09/2016</i>
	Sony SEL90M28G FE 90mm f/2.8 Macro G OSS	<b>37147</b> SE90-F			<b>37126</b> N100 Macro Port 105	SMC/CMC Option 1 - M67 Thread <b>81228</b> M67 Spacer Ring for SMC/CMC <i>(included in all SMC/CMC packaging)</i>	<b>81201</b> SMC - 1	Max. Magnification 2.2X Working Distance 45-93mm
						SMC/CMC Option 2 - Bayonet Mount <b>83250 + 83214</b> M67 to Bayonet Mount Converter II + Bayonet Mount Adaptor for SMC/CMC	<b>81201</b> SMC - 1	Max. Magnification 2.2X Working Distance 45-93mm
						<b>83250</b> M67 to Bayonet Mount Converter II	<b>81202</b> SMC - 2	Max. Magnification 3.4X Working Distance 22-36mm
							<b>87303</b> EMWL Set#3	Lens FOV 27° Converted FOV 60°/100°/130°/160°
MACRO FULL FRAME	Sigma 105mm F2.8 DG DN Macro Art	<b>37166</b> SGE105-F			<b>37125</b> N100 Macro Port 110	SMC/CMC Option 1 - M67 Thread <b>81228</b> M67 Spacer Ring for SMC/CMC <i>(included in all SMC/CMC packaging)</i>	<b>81201</b> SMC - 1	Max. Magnification 2.3X Working Distance 49-80mm
						SMC/CMC Option 2 - Bayonet Mount <b>83250 + 83214</b> M67 to Bayonet Mount Converter II + Bayonet Mount Adaptor for SMC/CMC	<b>81201</b> SMC - 1	Max. Magnification 2.3X Working Distance 49-80mm
							<b>81202</b> SMC - 2	Max. Magnification 3.6X Working Distance 26-35mm
							<b>81202</b> SMC - 2	Max. Magnification 3.6X Working Distance 26-35mm
							<b>81201</b> SMC - 1	Max. Magnification 2.3X Working Distance 49-80mm
							<b>81202</b> SMC - 2	Max. Magnification 3.6X Working Distance 26-35mm
MACRO FULL FRAME	Laowa 24mm f/14 2X Macro Probe	<b>19155</b> N120 DSLR Gear Set	<sup>1</sup> <b>37305</b> N100 to N120 35.5mm Port Adaptor II	<b>21271 / 22170 + 22171</b> N120 Extension Ring 70 I / II + Focus Knob	<b>16336</b> N120 Port Adaptor	SMC/CMC Option 1 - M67 Thread <b>81228</b> M67 Spacer Ring for SMC/CMC <i>(included in all SMC/CMC packaging)</i>	<b>81201</b> SMC - 1	Max. Magnification 2.3X Working Distance 49-80mm
						SMC/CMC Option 2 - Bayonet Mount <b>83250 + 83214</b> M67 to Bayonet Mount Converter II + Bayonet Mount Adaptor for SMC/CMC	<b>81201</b> SMC - 1	Max. Magnification 2.3X Working Distance 49-80mm
							<b>81202</b> SMC - 2	Max. Magnification 3.6X Working Distance 26-35mm
							<b>81202</b> SMC - 2	Max. Magnification 3.6X Working Distance 26-35mm
							<b>81201</b> SMC - 1	Max. Magnification 2.3X Working Distance 49-80mm
							<b>81202</b> SMC - 2	Max. Magnification 3.6X Working Distance 26-35mm
STANDARD ZOOM FULL FRAME	Sony SEL2470Z Vario-Tessar T* FE 24-70mm F4 ZA OSS	<b>37149</b> SE2470-Z	<sup>1</sup> <b>37305</b> N100 to N120 35.5mm Port Adaptor II		<b>85204</b> N120 WACP - 2			Lens FOV 84-34° Converted FOV 98-72° Zoom Range 24-35mm
		<b>37149 + 37148</b> SE2470-Z + SE2470-F		<b>21130 / 22130</b> N120 Extension Ring 30 I / II	<b>18809</b> 180mm Optical Glass Wide Angle Port			

1. # 37305 can be used on all Sony A series housings. #37303 can also be used on NA-A7RII, NA-A7RIII and NA-A9 housings.

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



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	CAMERA LENS	GEAR	PORT BASE / PORT ADAPTOR	EXTENSION RING	PORT	MOUNT CONVERTER	WET LENS	OPTICAL PERFORMANCE		
STANDARD ZOOM FULL FRAME	Sony SEL2470GM FE 24-70mm f/2.8 GM	37151 SFE2470GM-Z	1 37305 N100 to N120 35.5mm Port Adaptor II	21130 / 22130 N120 Extension Ring 30 I / II	85204 N120 WACP - 2			Lens FOV	84-34°	
								Converted FOV	98-72°	
		37151 + 37152 SFE2470GM-Z +		21160 / 22160 N120 Extension Ring 60 I / II	18809 180mm Optical Glass Wide Angle Port				Zoom Range	24-35mm
	Sony SEL2470GM2 FE 24-70mm f/2.8 GM II	37173 SFE2470II-Z	1 37305 N100 to N120 35.5mm Port Adaptor II	21150 / 22150 N120 Extension Ring 50 I / II	18802 8.5" Acrylic dome port	18812 230mm Optical Glass Wide Angle Port	* 18815 250mm Optical Glass Wide Angle Port			
									21155 / 22155 N120 Extension Ring 55 I / II	18809 180mm Optical Glass Wide Angle Port
	Sony SEL28F20 FE 28mm f/2	37150 SE28-F			37127 N100 Flat Port 32	83250 M67 to Bayonet Mount Converter II		1 83201 WWL - 1	Lens FOV	75°
								83202 WWL - 1B	Converted FOV	130°
				37401 N100 Extension Ring 30	85205 N100 WACP - C				Lens FOV	75°
									Converted FOV	130°
	Sony SEL2860 FE 28-60mm F4-5.6	37163 SFE2860-Z			37401 + 37401 N100 Extension Ring 30 + N100 Extension Ring 30	37129 N100 180mm Optical Glass Wide Angle Port				
								37401 N100 Extension Ring 30	* 85203 N100 WACP-1	Lens FOV
								85205 N100 WACP - C	Converted FOV	130-69°
									Lens FOV	75-40°
									Converted FOV	130-69°
1 37305 N100 to N120 35.5mm Port Adaptor II								21130 / 22130 N120 Extension Ring 30 I / II	* 18809 180mm Optical Glass Wide Angle Port	
37163 + 37168 SFE2860-Z + SFE2860-F (WACP-1)	1 37305 N100 to N120 35.5mm Port Adaptor II		85201 N120 WACP - 1	Lens FOV	75-39°					
				Converted FOV	130-68°					
	37163 + 37164 SFE2860-Z + SFE2860-F			37165 N100 Flat Port 45 with Focus Knob	83250 M67 to Bayonet Mount Converter II		1 83201 WWL - 1	Lens FOV	75-40°	
							83202 WWL - 1B	Converted FOV	130-69°	
					SMC/CMC Option 1 - M67 Thread		81301 CMC - 1	Lens FOV	75-40°	
					81228 M67 Spacer Ring for SMC/CMC <i>(included in all SMC/CMC packaging)</i>		81302 CMC - 2	Converted FOV	130-69°	
					SMC/CMC Option 2 - Bayonet Mount		81301 CMC - 1	Max. Magnification	0.9X	
					83250 + 83214 M67 to Bayonet Mount Converter II + Bayonet Mount Adaptor for SMC/CMC		81302 CMC - 2	Working Distance	55-80mm	
								Max. Magnification	0.7X	
								Working Distance	83-135mm	

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Working distance operates from the distance between the subject and the front element of the close-up lens.

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\* Secondary setup recommendation based on optical performance



## N100 PORT SYSTEM FOR SONY E-MOUNT CAMERA SYSTEM ( Full Frame Format Lens )

	CAMERA LENS	GEAR	PORT BASE / PORT ADAPTOR	EXTENSION RING	PORT	MOUNT CONVERTER	WET LENS	OPTICAL PERFORMANCE
STANDARD ZOOM FULL FRAME	Sony SEL2870 FE 28-70mm F3.5-5.6 OSS	37141 SE2870-Z		37403 N100 Extension Ring 50	* 85203 N100 WACP-1			Lens FOV 75-34° Converted FOV 130-59°
					85205 N100 WACP - C			Lens FOV 75-34° Converted FOV 130-59°
	Sony SEL35F28Z Sonnar T* FE 35mm F2.8 ZA	37141 + 37167 SE2870-Z + SE2870-F	1 37305 N100 to N120 35.5mm Port Adaptor II	21120 / 22120 N120 Extension Ring 20 I / II	37124 Flat port 66 with M77 Thread	83251 M77 to Bayonet Mount Converter II	86201 MWL - 1	Lens FOV 39-34° Converted FOV 150-110° Zoom Range 60-70mm
					85201 N120 WACP - 1	Lens FOV 75-34° Converted FOV 130-59°		
	Sigma 24-70mm f/2.8 DG DN Art	37171 SSF2470-Z	1 37305 N100 to N120 35.5mm Port Adaptor II	21155 / 22155 N120 Extension Ring 55 I / II	37122 4" Wide angle port	83250 M67 to Bayonet Mount Converter II	1 83201 WWL - 1	Lens FOV 62° Converted FOV 109°
					* 37130 N100 Flat port 23			1 83202 WWL - 1B
	Tamron 28-75mm f/2.8 Di III RXD	37159 STE2875-Z	1 37305 N100 to N120 35.5mm Port Adaptor II	21120 / 22120 N120 Extension Ring 20 I / II	18802 8.5" Acrylic dome port			Lens FOV 84-64° Converted FOV 98-74° Zoom Range 24-34mm
					18809 180mm Optical Glass Wide Angle Port			* 18812 230mm Optical Glass Wide Angle Port
	Sony SEL1224GM FE 12-24mm F2.8 GM	37159 + 37160 STE2875-Z + STE2875-F	1 37305 N100 to N120 35.5mm Port Adaptor II	21140 / 22140 N120 Extension Ring 40 I / II	37159 + 37160 STE2875-Z + STE2875-F			Lens FOV 73° Converted FOV 127° Zoom Range 29mm
					21150 / 22150 N120 Extension Ring 50 I / II			85201 N120 WACP - 1
Sony SEL1224G FE 12-24mm F4 G	37153 SFE1224-Z	1 37305 N100 to N120 35.5mm Port Adaptor II	21155 / 22155 N120 Extension Ring 55 I / II	18802 8.5" Acrylic dome port			Lens FOV 75-52° Converted FOV 130-90° Zoom Range 28-45mm	
				18809 180mm Optical Glass Wide Angle Port			* 18812 230mm Optical Glass Wide Angle Port	
Sony SEL1224G FE 12-24mm F4 G	37153 + 37154 SFE1224-Z + SFE1224-F	1 37305 N100 to N120 35.5mm Port Adaptor II	21155 / 22155 N120 Extension Ring 55 I / II	18812 230mm Optical Glass Wide Angle Port			Lens FOV 75-52° Converted FOV 130-90° Zoom Range 28-45mm	
				21140 / 22140 N120 Extension Ring 40 I / II			18812 230mm Optical Glass Wide Angle Port	

\* This setup is not compatible with Extension Rings I SN:A055053 before 09/2016

1. # 37305 can be used on all Sony A series housings. #37303 can also be used on NA-A7RII, NA-A7RIII and NA-A9 housings.  
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## N100 PORT SYSTEM FOR SONY E-MOUNT CAMERA SYSTEM ( Full Frame Format Lens )

	CAMERA LENS	GEAR	PORT BASE / PORT ADAPTOR	EXTENSION RING	PORT	MOUNT CONVERTER	WET LENS	OPTICAL PERFORMANCE								
WIDE ANGLE FULL FRAME	Sony FE 14mm f/1.8 GM		<sup>1</sup> <b>37305</b> N100 to N120 35.5mm Port Adaptor II	<b>21120 / 22120</b> N120 Extension Ring 20 I / II	<b>18809</b> 180mm Optical Glass Wide Angle Port											
									<b>21130 / 22130</b> N120 Extension Ring 30 I / II	<b>18802</b> 8.5" Acrylic dome port	<b>* 18812</b> 230mm Optical Glass Wide Angle Port	<b>18815</b> 250mm Optical Glass Wide Angle Port				
		<b>37306</b> N100 to N120 25mm Port Adaptor	<b>85204</b> N120 WACP - 2		Lens FOV Converted FOV	114° 140°										
	Sony SEL1635GM FE 16-35mm F2.8 GM	<b>37155</b> SFE1635GM-Z	<b>37155 + 37156</b> SFE1635GM-Z + SFE1635GM-F	<sup>1</sup> <b>37305</b> N100 to N120 35.5mm Port Adaptor II	<b>21130 / 22130</b> N120 Extension Ring 30 I / II	<b>85204</b> N120 WACP - 2			Lens FOV Converted FOV	107-63° 128-77°						
											<b>21160 / 22160</b> N120 Extension Ring 60 I / II	<b>18809</b> 180mm Optical Glass Wide Angle Port				
													<b>21170 / 22170</b> N120 Extension Ring 70 I / II	<b>* 18812</b> 230mm Optical Glass Wide Angle Port		
	Sony SEL1635Z Vario-Tessar T* FE 16-35mm F4 ZA OSS	<b>37145</b> SE1635-Z	<b>37145 + 37146</b> SE1635-Z + SE1635-F	<sup>1</sup> <b>37305</b> N100 to N120 35.5mm Port Adaptor II	<b>37401 + 37403</b> N100 Extension Ring 30 + N100 Extension Ring 50	<b>37129</b> N100 180mm Optical Glass Wide Angle Port			Lens FOV Converted FOV	107-63° 128-77°						
											<b>21110</b> N120 Extension Ring 10	<b>85204</b> N120 WACP - 2	<i>* This setup is only compatible with WACP-2 before SN:A526311</i>			
													<b>22110</b> N120 Extension Ring 10 II	<b>85204</b> N120 WACP - 2	<i>* This setup is only compatible with WACP-2 SN:A526311 onwards</i>	
															<b>21150 / 22150</b> N120 Extension Ring 50 I / II	<b>18809</b> 180mm Optical Glass Wide Angle Port
	Sony FE PZ 16-35mm f/4 G	<b>37172</b> SFE1635-Z		<sup>1</sup> <b>37305</b> N100 to N120 35.5mm Port Adaptor II	<b>37403</b> N100 Extension Ring 50	<b>37129</b> N100 180mm Optical Glass Wide Angle Port			Lens FOV Converted FOV	107-63° 128-77°						
<b>21125 / 22125</b> N120 Extension Ring 25 I / II											<b>18802</b> 8.5" Acrylic dome port	<b>18812</b> 230mm Optical Glass Wide Angle Port				
													<b>21120 / 22120</b> N120 Extension Ring 20 I / II	<b>18809</b> 180mm Optical Glass Wide Angle Port		

<sup>1</sup>. # 37305 can be used on all Sony A series housings. #37303 can also be used on NA-A7RII, NA-A7RIII and NA-A9 housings.  
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## N100 PORT SYSTEM FOR SONY E-MOUNT CAMERA SYSTEM ( Full Frame Format Lens )

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WIDE ANGLE FULL FRAME	Sony FE PZ 16-35mm f/4 G	37172 SFE1635-Z	<sup>1</sup> 37305 N100 to N120 35.5mm Port Adaptor II	21135 / 22135 N120 Extension Ring 35 I / II	* 18815 250mm Optical Glass Wide Angle Port				Lens FOV Converted FOV Zoom Range	75-63° 130-109° 28-35mm
				21110 N120 Extension Ring 10	85201 N120 WACP - 1					
				22110 N120 Extension Ring 10 II	85201 N120 WACP - 1					
	Sony FE 24mm f/2.8 G				37130 N100 Flat Port 23	83250 M67 to Bayonet Mount Converter II	83203 WWL-C		Lens FOV Converted FOV	84° 130°
	Sony FE 24mm f/1.4 GM		<sup>1</sup> 37305 N100 to N120 35.5mm Port Adaptor II	21140 / 22140 N120 Extension Ring 40 I / II	18802 8.5" Acrylic dome port					
					* 18809 180mm Optical Glass Wide Angle Port					
					85204 N120 WACP - 2			Lens FOV Converted FOV	84° 98°	
	Sony FE PZ 28-135mm f/4 G OSS	37169 SFE28135-Z	<sup>1</sup> 37305 N100 to N120 35.5mm Port Adaptor II	21190 / 22190 N120 Extension Ring 90 I / II	18812 230mm Optical Glass Wide Angle Port					
		37169 + 37170 STE28135-Z + STE28135-F								
	Sigma 14-24mm F2.8 DG DN	19726 SLE1424-Z	<sup>1</sup> 37305 N100 to N120 35.5mm Port Adaptor II	21125 / 22125 N120 Extension Ring 25 I / II	85204 N120 WACP - 2			Lens FOV Converted FOV Zoom Range	94-84° 115-98° 20-24mm	
				21140 / 22140 N120 Extension Ring 40 I / II	18809 180mm Optical Glass Wide Angle Port					
					18812 230mm Optical Glass Wide Angle Port					
				21150 / 22150 N120 Extension Ring 50 I / II	* 18815 250mm Optical Glass Wide Angle Port					
				21160 / 22160 N120 Extension Ring 60 I / II	18802 8.5" Acrylic dome port					
		19726 + 19727 SLE1424-Z + SLE1424-F	<sup>1</sup> 37305 N100 to N120 35.5mm Port Adaptor II	21250 / 22150 + 22151 N120 Extension Ring 50 I / 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 Converted FOV	84° 130°
				37403 N100 Extension Ring 50	* 37129 N100 180mm Optical Glass Wide Angle Port					
			<sup>1</sup> 37305 N100 to N120 35.5mm Port Adaptor II	21120 / 22120 N120 Extension Ring 20 I / II	18809 180mm Optical Glass Wide Angle Port					
	Tamron 17-28mm f/2.8 Di III RXD	37157 STE1728-Z	<sup>1</sup> 37305 N100 to N120 35.5mm Port Adaptor II		85204 N120 WACP - 2			Lens FOV Converted FOV	104-75° 123-89°	

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

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WIDE ANGLE FULL FRAME	Tamron 17-28mm f/2.8 Di III RXD	<b>37157 + 37158</b> STE1728-Z + STE1728-F	<sup>1</sup> <b>37305</b> N100 to N120 35.5mm Port Adaptor II	<b>21140 / 22140</b> N120 Extension Ring 40 I / II	<b>18802</b> 8.5" Acrylic dome port  <b>* 18809</b> 180mm Optical Glass Wide Angle Port  <b>18812</b> 230mm Optical Glass Wide Angle Port			
	Zeiss Batis 18mm F/2.8		<sup>1</sup> <b>37305</b> N100 to N120 35.5mm Port Adaptor II	<b>21120 / 22120</b> N120 Extension Ring 20 I / II	<b>18809</b> 180mm Optical Glass Wide Angle Port			
	Sony FE 28mm f/2 + Sony 21mm Ultra-Wide Conversion Lens		<sup>1</sup> <b>37305</b> N100 to N120 35.5mm Port Adaptor II	<b>21130 / 22130</b> N120 Extension Ring 30 I / II	<b>18809</b> 180mm Optical Glass Wide Angle Port			
	Sony FE 28mm f/2 + Sony 16mm Fisheye Conversion Lens		<sup>1</sup> <b>37305</b> N100 to N120 35.5mm Port Adaptor II	<b>21130 / 22130</b> N120 Extension Ring 30 I / II	<b>18810</b> 140mm Optical Glass Wide Angle Port			
NIKONOS	Sony Full Frame Camera Sensor	<b>36317</b> Filter Holder				<b>37202</b> 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	Sigma 15mm F2.8 EX DG Diagonal Fisheye with Metabones T Smart Adaptor III/IV/V	<b>19546</b> SC15-F	<sup>1</sup> <b>37305</b> N100 to N120 35.5mm Port Adaptor II		<b>18810</b> 140mm Optical Glass Fisheye Port			
	Other Canon EF-mount Lenses with Metabones T Smart Adaptor III/IV/V		<sup>1</sup> <b>37305</b> N100 to N120 35.5mm Port Adaptor II		<b>N120 Canon EF-Mount Port System</b>			

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\* Secondary setup recommendation based on optical performance