



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

	CAMERA LENS	GEAR	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>37123</b> N100 Macro Port 55				
	Sony SEL50M18 FE 50mm f/1.8				<b>37123</b> N100 Macro Port 55	SMC/CMC Option 1 - M67 Thread <b>81228</b> M67 Spacer Ring for SMC/CMC <i>(included in all SMC/CMC packaging)</i>	<b>81301</b> CMC - 1	Max. Magnification 0.9X Working Distance 60-77mm	
	<i>* These setups are only recommended to use with Crop/APS-C format enabled</i>							<b>81302</b> CMC - 2	Max. Magnification 0.6X Working Distance 37-48mm
						SMC/CMC Option 2 - Bayonet Mount <b>83250 + 83214</b> M67 to Bayonet Mount Converter II + Bayonet Mount Adaptor for SMC/CMC	<b>81301</b> CMC - 1		Max. Magnification 0.9X Working Distance 60-77mm
							<b>81302</b> CMC - 2		Max. Magnification 0.6X Working Distance 37-48mm
						<b>83250</b> M67 to Bayonet Mount Converter II <i>(included in all MWL-1 packaging)</i>	<b>86201</b> MWL - 1		Lens FOV 31° Converted FOV 116°
	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
								<b>81202</b> SMC - 2	Max. Magnification 3.4X Working Distance 22-36mm
						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>81202</b> SMC - 2	Max. Magnification 3.4X Working Distance 22-36mm	
						<b>83250</b> M67 to Bayonet Mount Converter II	<b>87303</b> EMWL Set#3	Lens FOV 27° Converted FOV 60°/100°/130°/160°	
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	
							<b>81202</b> SMC - 2	Max. Magnification 3.6X Working Distance 26-35mm	
						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	
			<sup>1</sup> <b>37305</b> N100 to N120 35.5mm Port Adaptor II	<b>22120</b> N120 Extension Ring 20 II	<b>18701</b> Macro Port 60	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	
							<b>81202</b> SMC - 2	Max. Magnification 3.6X Working Distance 26-35mm	
						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	

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.  
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.  
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\* Secondary setup recommendation based on optical performance



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MACRO FULL FRAME	Laowa 24mm f/14 2X Macro Probe	19155 N120 DSLR Gear Set	<sup>1</sup> 37305 N100 to N120 35.5mm Port Adaptor II	22170 + 22171 N120 Extension Ring 70 II + Focus Knob	16336 N120 Port Adaptor				
	Sony SEL2470Z Vario-Tessar T* FE 24-70mm F4 ZA OSS	37149 SE2470-Z	<sup>1</sup> 37305 N100 to N120 35.5mm Port Adaptor II		85204 N120 WACP - 2			Lens FOV Converted FOV Zoom Range	84-34° 98-72° 24-35mm
		37149 + 37148 SE2470-Z + SE2470-F			22130 N120 Extension Ring 30 II	18809 180mm Optical Glass Wide Angle Port			
Sony SEL2470GM FE 24-70mm f/2.8 GM	37151 SFE2470GM-Z	<sup>1</sup> 37305 N100 to N120 35.5mm Port Adaptor II	22130 N120 Extension Ring 30 II	85204 N120 WACP - 2			Lens FOV Converted FOV Zoom Range	84-34° 98-72° 24-35mm	
		37151 + 37152 SFE2470GM-Z +		22160 N120 Extension Ring 60 II	18809 180mm Optical Glass Wide Angle Port				
	Sony SEL2470GM2 FE 24-70mm f/2.8 GM II	37173 SFE2470II-Z	<sup>1</sup> 37305 N100 to N120 35.5mm Port Adaptor II	22150 N120 Extension Ring 50 II	18802 8.5" Acrylic dome port 18812 230mm Optical Glass Wide Angle Port * 18815 250mm Optical Glass Wide Angle Port				
			22155 N120 Extension Ring 55 II	18809 180mm Optical Glass Wide Angle Port					
STANDARD ZOOM FULL FRAME	Sony SEL28F20 FE 28mm f/2	37150 SE28-F			37127 N100 Flat Port 32	83250 M67 to Bayonet Mount Converter II	<sup>1</sup> 83201 WWL - 1	Lens FOV Converted FOV	75° 130°
							83202 WWL - 1B	Lens FOV Converted FOV	75° 130°
				37401 N100 Extension Ring 30	85205 N100 WACP - C			Lens FOV Converted FOV	75° 130°
	Sony SEL2860 FE 28-60mm F4-5.6  <i>* Please refer to the following page for more setup options</i>	37163 SFE2860-Z		37401 + 37401 N100 Extension Ring 30 + N100 Extension Ring 30	37129 N100 180mm Optical Glass Wide Angle Port			Lens FOV Converted FOV	75-40° 130-69°
			37401 N100 Extension Ring 30	* 85203 N100 WACP-1 85205 N100 WACP - C			Lens FOV Converted FOV	75-40° 130-69°	
<sup>1</sup> 37305 N100 to N120 35.5mm Port Adaptor II		22130 N120 Extension Ring 30 II	* 18809 180mm Optical Glass Wide Angle Port						
	37163 + 37168 SFE2860-Z + SFE2860-F (WACP-1)	<sup>1</sup> 37305 N100 to N120 35.5mm Port Adaptor II		85201 N120 WACP - 1			Lens FOV Converted FOV	75-39° 130-68°	
	37163 + 37164 SFE2860-Z + SFE2860-F			37165 N100 Flat Port 45 with Focus Knob	83250 M67 to Bayonet Mount Converter II	<sup>1</sup> 83201 WWL - 1 83202 WWL - 1B	Lens FOV Converted FOV	75-40° 130-69° 75-40° 130-69°	

<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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STANDARD ZOOM FULL FRAME	Sony SEL2860 FE 28-60mm F4-5.6	37163 + 37164 SFE2860-Z + SFE2860-F			37165 N100 Flat Port 45 with Focus Knob	SMC/CMC Option 1 - M67 Thread <b>81228</b> M67 Spacer Ring for SMC/CMC <i>(included in all SMC/CMC packaging)</i>	81301 CMC - 1	Max. Magnification 0.9X Working Distance 55-80mm
						SMC/CMC Option 2 - Bayonet Mount <b>83250 + 83214</b> M67 to Bayonet Mount Converter II + Bayonet Mount Adaptor for SMC/CMC	81302 CMC - 2	Max. Magnification 0.7X Working Distance 83-135mm
							81301 CMC - 1	Max. Magnification 0.9X Working Distance 55-80mm
							81302 CMC - 2	Max. Magnification 0.7X Working Distance 83-135mm
	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°
					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
		37141 + 37167 SE2870-Z + SE2870-F	<sup>1</sup> 37305 N100 to N120 35.5mm Port Adaptor II	22120 N120 Extension Ring 20 II	85201 N120 WACP - 1			Lens FOV 75-34° Converted FOV 130-59°
	Sony SEL35F28Z Sonnar T* FE 35mm F2.8 ZA				37122 4" Wide angle port			
					* 37130 N100 Flat port 23	83250 M67 to Bayonet Mount Converter II	<sup>1</sup> 83201 WWL - 1	Lens FOV 62° Converted FOV 109°
						<sup>1</sup> 83202 WWL - 1B	Lens FOV 62° Converted FOV 109°	
	Sigma 24-70mm f/2.8 DG DN Art	37171 SSF2470-Z	<sup>1</sup> 37305 N100 to N120 35.5mm Port Adaptor II	22155 N120 Extension Ring 55 II	18802 8.5" Acrylic dome port			
					18809 180mm Optical Glass Wide Angle Port			
					* 18812 230mm Optical Glass Wide Angle Port			
				22120 N120 Extension Ring 20 II	* 85204 N120 WACP - 2		Lens FOV 84-64° Converted FOV 98-74° Zoom Range 24-34mm	
				22140 N120 Extension Ring 40 II	85201 N120 WACP - 1		Lens FOV 73° Converted FOV 127° Zoom Range 29mm	
	Tamron 28-75mm f/2.8 Di III RXD	37159 STE2875-Z	<sup>1</sup> 37305 N100 to N120 35.5mm Port Adaptor II	22135 N120 Extension Ring 35 II	85201 N120 WACP - 1		Lens FOV 75-52° Converted FOV 130-90° Zoom Range 28-45mm	
		37159 + 37160 STE2875-Z + STE2875-F		22150 N120 Extension Ring 50 II	18802 8.5" Acrylic dome port			
					18809 180mm Optical Glass Wide Angle Port			
					* 18812 230mm 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.  
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.  
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	CAMERA LENS	GEAR	PORT ADAPTOR	EXTENSION RING	PORT	OPTICAL PERFORMANCE
WIDE ANGLE FULL FRAME	Sony SEL1224GM FE 12-24mm F2.8 GM	<b>37161</b> SFE1224GM-Z  <b>37161 + 37162</b> SFE1224GM-Z + SFE1224GM-F	<sup>1</sup> <b>37305</b> N100 to N120 35.5mm Port Adaptor II	<b>22155</b> N120 Extension Ring 55 II	<b>18812</b> 230mm Optical Glass Wide Angle Port	* This setup is not compatible with Extension Rings I SN:A055053 before 09/2016
	Sony SEL1224G FE 12-24mm F4 G	<b>37153</b> SFE1224-Z  <b>37153 + 37154</b> SFE1224-Z + SFE1224-F	<sup>1</sup> <b>37305</b> N100 to N120 35.5mm Port Adaptor II	<b>22140</b> N120 Extension Ring 40 II	<b>18812</b> 230mm Optical Glass Wide Angle Port	
	Sony FE 14mm f/1.8 GM		<sup>1</sup> <b>37305</b> N100 to N120 35.5mm Port Adaptor II	<b>22120</b> N120 Extension Ring 20 II  <b>22130</b> N120 Extension Ring 30 II	<b>18809</b> 180mm Optical Glass Wide Angle Port  <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 <b>114°</b> Converted FOV <b>140°</b>
	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>22130</b> N120 Extension Ring 30 II  <b>22160</b> N120 Extension Ring 60 II  <b>22170</b> N120 Extension Ring 70 II	<b>85204</b> N120 WACP - 2  <b>18809</b> 180mm Optical Glass Wide Angle Port  * <b>18812</b> 230mm Optical Glass Wide Angle Port	Lens FOV <b>107-63°</b> Converted FOV <b>128-77°</b>
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>37305</b> N100 to N120 35.5mm Port Adaptor II	<b>37401 + 37403</b> N100 Extension Ring 30 + N100 Extension Ring 50  <b>21110</b> N120 Extension Ring 10  <b>22110</b> N120 Extension Ring 10 II  <b>22150</b> N120 Extension Ring 50 II  <b>22160</b> N120 Extension Ring 60 II	<b>37129</b> N100 180mm Optical Glass Wide Angle Port  <b>85204</b> N120 WACP - 2  <b>85204</b> N120 WACP - 2  <b>18809</b> 180mm Optical Glass Wide Angle Port  * <b>18812</b> 230mm Optical Glass Wide Angle Port	Lens FOV <b>107-63°</b> Converted FOV <b>128-77°</b>  Lens FOV <b>107-63°</b> Converted FOV <b>128-77°</b>	

<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.  
 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.

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	CAMERA LENS	GEAR	PORT ADAPTOR	EXTENSION RING	PORT	MOUNT CONVERTER	WET LENS	OPTICAL PERFORMANCE	
WIDE ANGLE FULL FRAME	Sony FE PZ 16-35mm f/4 G	37172 SFE1635-Z	1 37305 N100 to N120 35.5mm Port Adaptor II	37403 N100 Extension Ring 50	37129 N100 180mm Optical Glass Wide Angle Port				
				22125 N120 Extension Ring 25 II	18802 8.5" Acrylic dome port				
				22120 N120 Extension Ring 20 II	18812 230mm Optical Glass Wide Angle Port				
				22135 N120 Extension Ring 35 II	18809 180mm Optical Glass Wide Angle Port				
				21110 N120 Extension Ring 10	* 18815 250mm Optical Glass Wide Angle Port				
				22110 N120 Extension Ring 10 II	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	
	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		1 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	1 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 14-24mm F2.8 DG DN	19726 SLE1424-Z	1 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					
			22150 N120 Extension Ring 50 II	18812 230mm Optical Glass Wide Angle Port					
			22160 N120 Extension Ring 60 II	* 18815 250mm Optical Glass Wide Angle Port					
	19726 + 19727 SLE1424-Z + SLE1424-F	1 37305 N100 to N120 35.5mm Port Adaptor II	22150 + 22151 N120 Extension Ring 50 II + Focus Knob	18802 8.5" Acrylic dome port	18812 230mm Optical Glass Fisheye Port II				

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	CAMERA LENS	GEAR	PORT ADAPTOR	EXTENSION RING	PORT	MOUNT CONVERTER	WET LENS	OPTICAL PERFORMANCE
WIDE ANGLE FULL FRAME	Sigma 24mm f/3.5 DG DN				<b>37127</b> N100 Flat Port 32	<b>83250</b> M67 to Bayonet Mount Converter II	<b>83203</b> WWL-C	Lens FOV 84° Converted FOV 130°
				<b>37403</b> N100 Extension Ring 50	<b>* 37129</b> N100 180mm Optical Glass Wide Angle Port			
			<b>1 37305</b> N100 to N120 35.5mm Port Adaptor II	<b>22120</b> N120 Extension Ring 20 II	<b>18809</b> 180mm Optical Glass Wide Angle Port			
	Tamron 17-28mm f/2.8 Di III RXD	<b>37157</b> STE1728-Z	<b>1 37305</b> N100 to N120 35.5mm Port Adaptor II			<b>85204</b> N120 WACP - 2		Lens FOV 104-75° Converted FOV 123-89°
		<b>37157 + 37158</b> STE1728-Z + STE1728-F	<b>1 37305</b> N100 to N120 35.5mm Port Adaptor II	<b>22140</b> N120 Extension Ring 40 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		<b>1 37305</b> N100 to N120 35.5mm Port Adaptor II	<b>22120</b> N120 Extension Ring 20 II	<b>18809</b> 180mm Optical Glass Wide Angle Port			
	Sony FE 28mm f/2 + Sony 21mm Ultra-Wide Conversion Lens		<b>1 37305</b> N100 to N120 35.5mm Port Adaptor II	<b>22130</b> N120 Extension Ring 30 II	<b>18809</b> 180mm Optical Glass Wide Angle Port			
	Sony FE 28mm f/2 + Sony 16mm Fisheye Conversion Lens		<b>1 37305</b> N100 to N120 35.5mm Port Adaptor II	<b>22130</b> N120 Extension Ring 30 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	<b>1 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		<b>1 37305</b> N100 to N120 35.5mm Port Adaptor II		<b>N120 Canon EF-Mount Port System</b>			

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