



## COMPACT & N50 PORT SYSTEM FOR COMPACT CAMERA SYSTEM

CAMERA ( HOUSING )	PORT	MOUNT CONVERTER	WET LENS	OPTICAL PERFORMANCE		
<b>Sony Cyber-shot DSC-RX100 Mark V ( 17418/17418P NA-RX100V / Pro Package )</b>  * 24-70mm (35mm equivalent)  * Port is <i>inexchangable</i> for this housing		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	Smallest Subject Size Working Distance 35x23.3mm 55-75mm		
			<b>81302</b> CMC - 2	Smallest Subject Size Working Distance 48x32mm 80-124mm		
		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	Smallest Subject Size Working Distance 35x23.3mm 55-75mm		
			<b>81302</b> CMC - 2	Smallest Subject Size Working Distance 48x32mm 80-124mm		
		<b>83250</b> M67 to Bayonet Mount Converter II <i>(included in all MWL-1 packaging)</i>	<b>83203</b> WWL - C	Lens FOV Converted FOV 84-34° 130-52°		
			<sup>1</sup> <b>83201</b> WWL - 1	Lens FOV Converted FOV Zoom Range 75-34° 130-58° 28-70mm		
			<b>83202</b> WWL - 1B	Lens FOV Converted FOV Zoom Range 75-34° 130-58° 28-70mm		
			<b>86201</b> MWL - 1	Lens FOV Converted FOV Working Distance 37-34° 138-128° 65-70mm		
		<b>Sony Cyber-shot DSC-RX100 Mark VI ( 17421/17421P NA-RX100VI / Pro Package )</b>  * 24-200mm (35mm equivalent)  * Port is <i>exchangable</i> for this housing	<b>38702</b> N50 3.5" Acrylic Wide Angle Dome Port			
				<b>25107</b> M67 Flip Diopter Holder	<b>81201</b> SMC - 1	Smallest Subject Size Working Distance 14x9.3mm 84-94mm
			<b>81202</b> SMC - 2	Smallest Subject Size Working Distance 7.5x5mm 34-37mm		
<b>38704</b> N50 Short Port 22 with Bayonet Mount <i>* change port from housing</i>			<b>83203</b> WWL - C	Lens FOV Converted FOV Zoom Range 84-46° 130-70° 24-50mm		
	<b>83214</b> Bayonet Mount Adaptor for SMC/CMC		<b>81301</b> CMC - 1	Smallest Subject Size Working Distance 38x25.3mm 25-95mm		
			<b>81302</b> CMC - 2	Smallest Subject Size Working Distance 48.5x32.3mm 50-160mm		
<b>38703</b> N50 Short Port 25 with Bayonet Mount <i>* change port from housing</i>			<b>86201</b> MWL - 1	Lens FOV Converted FOV Working Distance 40-37° 150-138° 60-65mm		
			<sup>1</sup> <b>83201</b> WWL - 1	Lens FOV Converted FOV Zoom Range 75-37° 130-64° 28-65mm		
			<b>83202</b> WWL - 1B	Lens FOV Converted FOV Zoom Range 75-37° 130-64° 28-65mm		
	<b>83214</b> Bayonet Mount Adaptor for SMC/CMC		<b>81301</b> CMC - 1	Smallest Subject Size Working Distance 34x22.7mm 40-85mm		
		<b>81302</b> CMC - 2	Smallest Subject Size Working Distance 43.5x29mm 58-154mm			

<sup>1</sup>. 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.  
Smallest subject size refers to the smallest width and height of a subject 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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SONY	Sony Cyber-shot DSC-RX100 Mark VII ( 17424/17424P NA-RX100VII / Pro Package )  * 24-200mm (35mm equivalent)  * Port is exchangeable for this housing	<b>38702</b> N50 3.5" Acrylic Wide Angle Dome Port	<b>25107</b> M67 Flip Diopter Holder	<b>81201</b> SMC - 1	Smallest Subject Size	14x9.3mm
					Working Distance	84-94mm
				<b>81202</b> SMC - 2	Smallest Subject Size	7.5x5mm
					Working Distance	34-37mm
				<b>83203</b> WWL - C	Lens FOV	84-46°
					Converted FOV Zoom Range	130-70° 24-30mm
				<b>86201</b> MWL - 1	Lens FOV	37°
					Converted FOV Working Distance	138° 65mm
				<sup>1</sup> <b>83201</b> WWL - 1	Lens FOV	75-37°
					Converted FOV Zoom Range	130-64° 28-65mm
<b>83202</b> WWL - 1B	Lens FOV	75-37°				
	Converted FOV Zoom Range	130-64° 28-65mm				
<b>83214</b> Bayonet Mount Adaptor for SMC/CMC	<b>81301</b> CMC - 1	Smallest Subject Size	34x22.7mm			
		Working Distance	40-85mm			
<b>81202</b> SMC - 2	Smallest Subject Size	43.5x29mm				
	Working Distance	58-154mm				
CANON	Canon Powershot G5XMKII ( 17331/17331P NA-G5XII / Pro Package )  * 24-120mm (35mm equivalent)  * Port is exchangeable for this housing	<b>38702</b> N50 3.5" Acrylic Wide Angle Dome Port	<b>25107</b> M67 Flip Diopter Holder	<b>81301</b> CMC - 1	Smallest Subject Size	21x14mm
					Working Distance	44-72mm
				<b>81302</b> CMC - 2	Smallest Subject Size	21x18mm
					Working Distance	67-120mm
				<b>81201</b> SMC - 1	Smallest Subject Size	24x16mm
					Working Distance	58-93mm
				<b>83203</b> WWL - C	Lens FOV	84-46°
					Converted FOV Zoom Range	130-71° 24-50mm
				<sup>1</sup> <b>83201</b> WWL - 1	Lens FOV	75-46°
					Converted FOV Zoom Range	130-80° 28-50mm
<b>83202</b> WWL - 1B	Lens FOV	75-46°				
	Converted FOV Zoom Range	130-80° 28-50mm				
<b>83214</b> Bayonet Mount Adaptor for SMC/CMC	<b>81301</b> CMC - 1	Smallest Subject Size	40x26.7mm			
		Working Distance	20-72mm			
<b>81302</b> CMC - 2	Smallest Subject Size	47x31.3mm				
	Working Distance	33-122mm				

<sup>1</sup>. 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.  
 Smallest subject size refers to the smallest width and height of a subject 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 ( HOUSING )	PORT	MOUNT CONVERTER	WET LENS	OPTICAL PERFORMANCE
<b>Canon Powershot G7XMKII ( 17324 NA-G7XII )</b> * 24-100mm (35mm equivalent) * Port is exchangeable for this housing	<b>38702</b> N50 3.5" Acrylic Wide Angle Dome Port	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	Smallest Subject Size Working Distance 23x13.3mm 56-72mm
			<b>81302</b> CMC - 2	Smallest Subject Size Working Distance 31x20.7mm 87-122mm
			<b>81201</b> SMC - 1	Max. Magnification Working Distance 25.5x17mm 73-93mm
		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	Smallest Subject Size Working Distance 23x13.3mm 56-72mm
	<b>81302</b> CMC - 2		Smallest Subject Size Working Distance 31x20.7mm 87-122mm	
	<b>81201</b> SMC - 1		Smallest Subject Size Working Distance 25.5x17mm 73-93mm	
	<b>38703</b> N50 Short Port 25 with Bayonet Mount * change port from housing	<b>83250</b> M67 to Bayonet Mount Converter II <i>(included in all MWL-1 packaging)</i>	<b>86201</b> MWL - 1	Lens FOV Converted FOV Zoom Range 37-24° 138-90° 65-100mm
			<b>83203</b> WWL - C	Lens FOV Converted FOV Zoom Range 84-46° 130-71° 24-50mm
			<sup>1</sup> <b>83201</b> WWL - 1	Lens FOV Converted FOV Zoom Range 75-37° 130-64° 28-65mm
		<b>83214</b> Bayonet Mount Adaptor for SMC/CMC	<b>83202</b> WWL - 1B	Lens FOV Converted FOV Zoom Range 75-37° 130-64° 28-65mm
<b>81301</b> CMC - 1			Smallest Subject Size Working Distance 23x13.3mm 45-72mm	
<b>81302</b> CMC - 2			Smallest Subject Size Working Distance 31x20.7mm 66-122mm	
<b>Canon Powershot G7XMKIII ( 17330/17330P NA-G7XIII / Pro Package )</b> * 24-100mm (35mm equivalent) * Port is exchangeable for this housing *Please refer to the following page for more setup options	<b>38702</b> N50 3.5" Acrylic Wide Angle Dome Port	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	Smallest Subject Size Working Distance 23x13.3mm 56-72mm
			<b>81302</b> CMC - 2	Smallest Subject Size Working Distance 31x20.7mm 87-122mm
			<b>81201</b> SMC - 1	Max. Magnification Working Distance 25.5x17mm 73-93mm
		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	Smallest Subject Size Working Distance 23x13.3mm 56-72mm
	<b>81302</b> CMC - 2		Smallest Subject Size Working Distance 31x20.7mm 87-122mm	
	<b>81201</b> SMC - 1		Smallest Subject Size Working Distance 25.5x17mm 73-93mm	

<sup>1</sup>. 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.  
 Smallest subject size refers to the smallest width and height of a subject at the closest working distance.  
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CANON  Canon Powershot G7XMKIII		<b>83250</b> M67 to Bayonet Mount Converter II <i>(included in all MWL-1 packaging)</i>	<b>86201</b> MWL - 1	Lens FOV 37-24° Converted FOV 138-90° Working Distance 65-100mm
		<b>38703</b> N50 Short Port 25 with Bayonet Mount <i>* change port from housing</i>	<sup>1</sup> <b>83201</b> WWL - 1	Lens FOV 75-37° Converted FOV 130-64° Zoom Range 28-65mm
			<b>83202</b> WWL - 1B	Lens FOV 75-37° Converted FOV 130-64° Zoom Range 28-65mm
			<b>86201</b> MWL - 1	Lens FOV 37-34° Converted FOV 138-128° Working Distance 65mm
		<b>83214</b> Bayonet Mount Adaptor for SMC/CMC	<b>81301</b> CMC - 1	Smallest Subject Size 33x22mm Working Distance 45-72mm
			<b>81302</b> CMC - 2	Smallest Subject Size 41x27.3mm Working Distance 66-122mm
		<b>38704</b> N50 Short Port 22 with Bayonet Mount <i>* change port from housing</i>	<b>83203</b> WWL - C	Lens FOV 84-46° Converted FOV 130-71° Working Distance 24-50mm
			<sup>1</sup> <b>83201</b> WWL - 1	Lens FOV 75-46° Converted FOV 130-80° Zoom Range 28-50mm
			<b>83202</b> WWL - 1B	Lens FOV 75-46° Converted FOV 130-80° Zoom Range 28-50mm
		<b>83214</b> Bayonet Mount Adaptor for SMC/CMC	<b>81301</b> CMC - 1	Smallest Subject Size 33x22mm Working Distance 45-72mm
		<b>81302</b> CMC - 2	Smallest Subject Size 41x27.3mm Working Distance 66-122mm	
PANASONIC  Panasonic Lumix DC-LX100II ( 17717 NA-LX100II )  * 24-75mm (35mm equivalent)  <i>* Port is exchangeable for this housing</i>		<b>38702</b> N50 3.5" Acrylic Wide Angle Dome Port		
		<b>25107</b> M67 Flip Diopter Holder	<b>81301</b> CMC - 1	Smallest Subject Size 33.5x22.3mm Working Distance 50-77mm
			<b>81302</b> CMC - 2	Smallest Subject Size 47x31.3mm Working Distance 76-130mm
		<b>38703</b> N50 Short Port 25 with Bayonet Mount <i>* change port from housing</i>	<sup>1</sup> <b>83201</b> WWL - 1	Lens FOV 75-57° Converted FOV 130-99° Zoom Range 28-40mm
			<b>83202</b> WWL - 1B	Lens FOV 75-57° Converted FOV 130-99° Zoom Range 28-40mm
		<b>38704</b> N50 Short Port 22 with Bayonet Mount <i>* change port from housing</i>	<b>83203</b> WWL - C	Lens FOV 84-72° Converted FOV 130-112° Working Distance 24-30mm
			<sup>1</sup> <b>83201</b> WWL - 1	Lens FOV 75-72° Converted FOV 130-125° Zoom Range 28-30mm
			<b>83202</b> WWL - 1B	Lens FOV 75-72° Converted FOV 130-125° Zoom Range 28-30mm

<sup>1</sup>. 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.  
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PANASONIC	Panasonic Lumix DC-LX10 (LX15) ( 17714 NA-LX10 )  * 24-72mm (35mm equivalent)  * Port is inexchangeable for this housing		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  <b>81302</b> CMC - 2	Smallest Subject Size Working Distance 34x22.7mm 48-73mm						
			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  <b>81302</b> CMC - 2	Smallest Subject Size Working Distance 34x22.7mm 48-73mm  Smallest Subject Size Working Distance 46x30.7mm 76-128mm						
			<b>83250</b> M67 to Bayonet Mount Converter II <i>(included in all WWL-1 packaging)</i>	<b>83203</b> WWL - C  <sup>1</sup> <b>83201</b> WWL - 1  <b>83202</b> WWL - 1B  <b>86201</b> MWL - 1	Lens FOV Converted FOV Zoom Range 70-34° 108-53° 32-72mm  Lens FOV Converted FOV Zoom Range 58-34° 100-60° 38-72mm  Lens FOV Converted FOV Zoom Range 58-34° 100-60° 38-72mm  Lens FOV Converted FOV Zoom Range 37-34° 138-128° 65-72mm						
			OLYMPUS	Olympus Tough TG5/TG6 ( 17812 NA-TG5 with M52 Thread )  * 24-100mm (35mm equivalent)  * Port is inexchangeable for this housing		<b>83255</b> M52 to Bayonet Mount Converter for NA-TG5	<b>83203</b> WWL - C  <sup>1</sup> <b>83201</b> WWL - 1  * WWL-1B is incompatible	Lens FOV Converted FOV 84-24° 130-37°  Lens FOV Converted FOV Zoom Range 75-24° 130-42° 28-100mm			
						SMC/CMC Option 1 - M67 Thread <b>38024 + 81228</b> M52 to M67 Step Up Adaptor Ring + M67 Spacer Ring for SMC/CMC <i>(81228 is included in all SMC/CMC packaging)</i>	<b>81301</b> CMC - 1  <b>81302</b> CMC - 2	Smallest Subject Size Working Distance 19x12.7mm 34-78mm  Smallest Subject Size Working Distance 21x14mm 28.5-98mm			
						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  <b>81302</b> CMC - 2	Smallest Subject Size Working Distance 19x12.7mm 34-78mm  Smallest Subject Size Working Distance 21x14mm 28.5-98mm			
						<b>38024 + 83211</b> M52 to M67 Step Up Adaptor Ring + M67 Mounting Ring for WWL-1 <i>(83211 is included in all WWL-1 packaging)</i>	<b>83201</b> WWL - 1  * WWL-1B is incompatible	Lens FOV Converted FOV Zoom Range 75-24° 130-42° 28-100mm			
						OLYMPUS	Olympus Tough TG5/TG6 ( 17816 NA-TG6 with Bayonet Mount )  * 24-100mm (35mm equivalent)  * Port is inexchangeable for this housing		<b>83214</b> Bayonet Mount Adaptor for SMC/CMC	<b>83203</b> WWL - C  <sup>1</sup> <b>83201</b> WWL - 1  * WWL-1B is incompatible	Lens FOV Converted FOV 84-24° 130-37°  Lens FOV Converted FOV Zoom Range 75-24° 130-42° 28-100mm
										<b>81301</b> CMC - 1  <b>81302</b> CMC - 2	Smallest Subject Size Working Distance 19x12.7mm 34-78mm  Smallest Subject Size Working Distance 21x14mm 28.5-98mm

<sup>1</sup>. 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.  
 Smallest subject size refers to the smallest width and height of a subject at the closest working distance.  
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 \* Secondary setup recommendation based on optical performance



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	CAMERA ( HOUSING )	PORT	MOUNT CONVERTER	WET LENS	OPTICAL PERFORMANCE	
OLYMPUS	Olympus PT-058/ PT-059 Underwater Housing		<b>83256</b> Bayonet Mount Converter for Olympus PT-058/PT-059	<b>83203</b> WWL - C	Lens FOV Converted FOV	84-24° 130-37°
				<sup>1</sup> <b>83201</b> WWL - 1 <i>* WWL-1B is incompatible</i>	Lens FOV Converted FOV Zoom Range	75-24° 130-42° 28-100mm

<sup>1</sup> 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.  
Smallest subject size refers to the smallest width and height of a subject at the closest working distance.  
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\* Secondary setup recommendation based on optical performance