



## N85 MICRO FOUR THIRDS SYSTEM FOR MICRO FOUR THIRD CAMERA SYSTEMS

	CAMERA LENS	GEAR	PORT ADAPTOR	EXTENSION RING	PORT	MOUNT CONVERTER	WET LENS	OPTICAL PERFORMANCE	
MACRO FOUR THIRDS	Olympus M.Zuiko Digital ED 30mm f3.5 Macro				<b>36135</b> N85 Macro Port 45	<b>83250</b> M67 to Bayonet Mount Converter II <i>(included in all MWL-1 packaging)</i>	<b>86201</b> MWL - 1	Lens FOV	39°
								Converted FOV	150°
	Olympus M.Zuiko Digital ED 60mm f2.8 Macro	<b>36149</b> O60-F			<b>36163</b> N85 Macro Port 65	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	2.0X
							<b>81302</b> CMC - 2	Working Distance	22-70mm
						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	1.7X
							<b>81302</b> CMC - 2	Working Distance	33-122mm
						<b>83250</b> M67 to Bayonet Mount Converter II	<b>87301</b> EMWL Set #1	Lens FOV	20°
								Converted FOV	60°/100°/130°/160°
				<b>36620</b> N85 Extension Ring 20	<b>36135</b> N85 Macro Port 45	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	2.0X
							<b>81302</b> CMC - 2	Working Distance	22-70mm
						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	1.7X
							<b>81302</b> CMC - 2	Working Distance	33-122mm
						<b>83250</b> M67 to Bayonet Mount Converter II	<b>87301</b> EMWL Set #1	Lens FOV	20°
								Converted FOV	60°/100°/130°/160°
	Panasonic Lumix G Macro 30mm f/2.8 Asph. Mega O.I.S.				<b>36135</b> N85 Macro Port 45	<b>83250</b> M67 to Bayonet Mount Converter II <i>(included in all MWL-1 packaging)</i>	<b>86201</b> MWL - 1	Lens FOV	39°
								Converted FOV	150°
	Panasonic LEICA DG MACRO-ELMARIT 45mm F2.8 ASPH. MEGA O.I.S.	<b>36145</b> P45-F			<b>36135</b> N85 Macro Port 45	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	1.6X
							<b>81302</b> CMC - 2	Working Distance	17-73mm
						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	Max. Magnification	1.4X
							<b>81302</b> CMC - 2	Working Distance	23-124mm
						<b>83250</b> M67 to Bayonet Mount Converter II	<b>87303</b> EMWL Set #3	Lens FOV	20°
								Converted FOV	60°/100°/130°/160°
	Laowa 24mm f/14 2X Macro Probe <i>* with Metabones T Speed Booster Ultra 0.71X Adapter on NA-GH5 housing</i>	<b>19155</b> N120 DSLR Gear Set	<b>36064</b> N85 to N120 34.7mm Port Adaptor	<b>22170 + 22171</b> N120 Extension Ring 70 II + Focus Knob	<b>16336</b> N120 Port Adaptor for Laowa 24mm f/14 2X Macro Probe				

1. 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.  
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



## N85 MICRO FOUR THIRDS SYSTEM FOR MICRO FOUR THIRD CAMERA SYSTEMS

	CAMERA LENS	GEAR	PORT ADAPTOR	EXTENSION RING	PORT	MOUNT CONVERTER	WET LENS	OPTICAL PERFORMANCE	
TELEPHOTO MACRO FOUR THIRDS	OM System M.Zuiko Digital ED 90mm f/3.5 Macro IS PRO	36072 O90-F <i>* Focus Knob is included in packaging</i>			36169 N85 Macro Port 120 with Focus Limit Switch Selector <i>* optical performance at Normal Macro mode</i>	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 1.1X Working Distance 103mm-∞	
							<b>81302</b> CMC - 2	Max. Magnification 2.2X Working Distance 24-70mm	
							<b>81201</b> SMC - 1	Max. Magnification 1.9X Working Distance 37-123mm	
						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 1.8X Working Distance 35-99mm	
							<b>81302</b> CMC - 2	Max. Magnification 2.2X Working Distance 24-70mm	
							<b>81201</b> SMC - 1	Max. Magnification 1.9X Working Distance 37-123mm	
							<b>81201</b> SMC - 1	Max. Magnification 1.8X Working Distance 35-99mm	
	OM System M.Zuiko Digital ED 90mm f/3.5 Macro IS PRO	36072 O90-F <i>* Focus Knob is included in packaging</i>				36169 N85 Macro Port 120 with Focus Limit Switch Selector <i>* optical performance at S-Macro mode</i>	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 2.2X Working Distance 73-500mm
								<b>81302</b> CMC - 2	Max. Magnification 3.5X Working Distance 15-55mm
								<b>81201</b> SMC - 1	Max. Magnification 2.9X Working Distance 25-87mm
							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 2.9X Working Distance 16-73mm
								<b>81302</b> CMC - 2	Max. Magnification 2.9X Working Distance 16-73mm
								<b>81201</b> SMC - 1	Max. Magnification 3.5X Working Distance 15-55mm
								<b>81302</b> CMC - 2	Max. Magnification 2.9X Working Distance 25-87mm
								<b>81201</b> SMC - 1	Max. Magnification 2.9X Working Distance 16-73mm
	OM System M.Zuiko Digital ED 90mm f/3.5 Macro IS PRO with M.Zuiko Digital MC-20 2.0x Teleconverter	36072 O90-F <i>* Focus Knob is included in packaging</i>			36626 N85 Extension Ring 26	36169 N85 Macro Port 120 with Focus Limit Switch Selector <i>* optical performance at Normal Macro mode</i>			Max. Magnification 2.2X Working Distance 103mm-∞
OM System M.Zuiko Digital ED 90mm f/3.5 Macro IS PRO with M.Zuiko Digital MC-20 2.0x Teleconverter	36072 O90-F <i>* Focus Knob is included in packaging</i>			36626 N85 Extension Ring 26	36169 N85 Macro Port 120 with Focus Limit Switch Selector <i>* optical performance at S-Macro mode</i>			Max. Magnification 4.3X Working Distance 73-500mm	
OM System M.Zuiko Digital ED 90mm f/3.5 Macro IS PRO with M.Zuiko Digital MC-14 1.4x Teleconverter				36617 N85 Extension Ring 17	36169 N85 Macro Port 120 with Focus Limit Switch Selector <i>* optical performance at Normal Macro mode</i> <i>* manual focus is not supported</i>			Max. Magnification 1.5X Working Distance 103mm-∞	
OM System M.Zuiko Digital ED 90mm f/3.5 Macro IS PRO with M.Zuiko Digital MC-14 1.4x Teleconverter				36617 N85 Extension Ring 17	36169 N85 Macro Port 120 with Focus Limit Switch Selector <i>* optical performance at S-Macro mode</i> <i>* manual focus is not supported</i>			Max. Magnification 2.9X Working Distance 73-500mm	

1. 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.

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



## N85 MICRO FOUR THIRDS SYSTEM FOR MICRO FOUR THIRD CAMERA SYSTEMS

	CAMERA LENS	GEAR	PORT	MOUNT CONVERTER	WET LENS	OPTICAL PERFORMANCE				
STANDARD ZOOM FOUR THIRDS	Olympus M.ZUIKO DIGITAL ED 12-40mm f/2.8 PRO	36045 O1240-Z	36052 N85 to N120 47mm Port Adaptor with Zoom Knob <i>* SN297188 onwards for NA-EM1X</i>	22120 N120 Extension Ring 20 II	36129 N85 7" Acrylic Dome Port	* 85201 N120 WACP - 1	Lens FOV 75-45° Converted FOV 130-68° Zoom Range 14-26mm			
								* 18809 180mm Optical Glass Wide Angle Port		
		36045 + 36065 O1240-Z + O1240-F	36401 N85 to N120 55mm Port Adaptor with Lens Control Knob <i>* SN393297 onwards for NA-EM1X</i>	36129 N85 7" Acrylic Dome Port	85201 N120 WACP - 1	18809 180mm Optical Glass Wide Angle Port	Lens FOV 75-38° Converted FOV 130-57° Zoom Range 14-32mm			
		Olympus M.ZUIKO DIGITAL ED 12-45mm f/4 PRO	36069 O1245-Z	36620 + 36620 N85 Extension Ring 20 + N85 Extension Ring 20	36129 N85 7" Acrylic Dome Port	36139 N85 Macro Port 35	SMC/CMC Option 1 - M67 Thread 81228 M67 Spacer Ring for SMC/CMC <i>(included in all SMC/CMC packaging)</i>	81301 CMC - 1	Max. Magnification 0.7X Working Distance 24-74mm	
										81302 CMC - 2
	81301 CMC - 1									Max. Magnification 0.7X Working Distance 24-74mm
	81302 CMC - 2									Max. Magnification 0.5X Working Distance 39-130mm
	36069 + 36070 O1240-Z + O1240-F		36401 N85 to N120 55mm Port Adaptor with Lens Control Knob <i>* SN393297 onwards for NA-EM1X</i>	* 18809 180mm Optical Glass Wide Angle Port	36129 N85 7" Acrylic Dome Port	85201 N120 WACP - 1 <i>* this setup is not compatible with NA-EM1X</i>	Lens FOV 75-45° Converted FOV 130-58° Zoom Range 14-29mm			
	Olympus M.Zuiko Digital ED 12-50mm f/3.5-6.3 EZ	36147 O1250-Z <i>* 36059 O1250-Z for NA-GH5 &amp; NA-EM1X</i>	36137 N85 4" Acrylic Wide Angle Port	25105 + 81222 M67 Flip Diopter Holder + M67 Adaptor Ring	81301 CMC - 1	Max. Magnification 0.8X Working Distance 40-70mm				
							81302 CMC - 2	Max. Magnification 0.6X Working Distance 70-120mm		
36147 O1250-Z <i>* 36059 O1250-Z for NA-GH5 &amp; NA-EM1X</i>		36161 N85 Macro Port with M77 Thread	83251 M77 to Bayonet Mount Converter II	86201 MWL - 1	Lens FOV 39-34° Converted FOV 150-71° Zoom Range 30-50mm					
						83203 WWL-C	Max. Magnification 0.6X Working Distance 70-120mm			
36147 O1250-Z <i>* 36059 O1250-Z for NA-GH5 &amp; NA-EM1X</i>		36161 N85 Macro Port with M77 Thread	83251 + 83214 M77 to Bayonet Mount Converter II + Bayonet Mount Adaptor for SMC/CMC	81301 CMC - 1	Max. Magnification 0.8X Working Distance 14-61mm					
						81302 CMC - 2	Max. Magnification 0.7X Working Distance 24-95mm			

1. 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.  
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



## N85 MICRO FOUR THIRDS SYSTEM FOR MICRO FOUR THIRD CAMERA SYSTEMS

	CAMERA LENS	GEAR	PORT ADAPTOR	EXTENSION RING	PORT	MOUNT CONVERTER	WET LENS	OPTICAL PERFORMANCE
STANDARD ZOOM FOUR THIRDS	Olympus M.Zuiko Digital 14-42mm f/3.5-5.6 II R	36143 01442-Z			36137 N85 4" Acrylic Wide Angle Port	25105 + 81222 M67 Flip Diopter Holder + M67 Adaptor Ring	81301 CMC - 1	Max. Magnification 0.8X Working Distance 41-76mm
							81302 CMC - 2	Max. Magnification 0.6X Working Distance 63-130mm
							81301 CMC - 1	Max. Magnification 0.8X Working Distance 41-76mm
							81302 CMC - 2	Max. Magnification 0.6X Working Distance 63-130mm
							81301 CMC - 1	Max. Magnification 0.8X Working Distance 41-76mm
							81302 CMC - 2	Max. Magnification 0.6X Working Distance 63-130mm
	Olympus M.Zuiko Digital 14-42mm f/3.5-5.6 EZ	36047 01442EZ-Z			36165 N85 Power Zoom Macro Port 29	83250 M67 to Bayonet Mount Converter II	1 83201 WWL - 1	Lens FOV 75-29° Converted FOV 130-50°
							83202 WWL - 1B	Lens FOV 75-29° Converted FOV 130-50°
							81301 CMC - 1	Max. Magnification 0.8X Working Distance 41-76mm
							81302 CMC - 2	Max. Magnification 0.6X Working Distance 63-130mm
							81301 CMC - 1	Max. Magnification 0.8X Working Distance 41-76mm
							81302 CMC - 2	Max. Magnification 0.6X Working Distance 63-130mm
Panasonic LUMIX G VARIO 12-32mm F3.5-5.6 ASPH. ASPH. MEGA O.I.S.	36046 P1232-Z		36620 N85 Extension Ring 20	36131 N85 3.5" Acrylic Wide Angle Port	36165 N85 Power Zoom Macro Port 29	83250 M67 to Bayonet Mount Converter II	1 83201 WWL - 1	Lens FOV 75-37° Converted FOV 130-64° Zoom Range 13-32mm
							83202 WWL - 1B	Lens FOV 75-37° Converted FOV 130-64° Zoom Range 13-32mm
							83203 WWL-C	Lens FOV 84-37° Converted FOV 130-57°
							81301 CMC - 1	Max. Magnification 0.8X Working Distance 41-76mm
							81302 CMC - 2	Max. Magnification 0.6X Working Distance 63-130mm
							81301 CMC - 1	Max. Magnification 0.8X Working Distance 41-76mm

1. 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.  
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



## N85 MICRO FOUR THIRDS SYSTEM FOR MICRO FOUR THIRD CAMERA SYSTEMS

	CAMERA LENS	GEAR	PORT ADAPTOR	EXTENSION RING	PORT	MOUNT CONVERTER	WET LENS	OPTICAL PERFORMANCE	
STANDARD ZOOM FOUR THIRDS	Panasonic LUMIX G X Vario 12-35mm F2.8 I/ II ASPH. POWER O.I.S.	36148 P1235-Z	36064 N85 to N120 34.7mm Port Adaptor		36133 N85 6" Acrylic Wide Angle Port			Lens FOV 75-52° Converted FOV 130-90° Zoom Range 14-22mm	
					* 85201 N120 WACP - 1 <i>* this setup is not compatible with NA-EM1X</i>				
		36148 + 36042 P1235-Z + P1235-F	36052 N85 to N120 47mm Port Adaptor with Zoom Knob <i>* SN297188 onwards for NA-EM1X</i>	22120 N120 Extension Ring 20 II	36164 N85 6" Acrylic Wide Angle Port with Focus Knob			Lens FOV 75-40° Converted FOV 130-69° Zoom Range 14-30mm	
					85201 N120 WACP - 1				
	Panasonic LEICA DG VARIO-ELMARIT 12-60mm F2.8-4.0 ASPH. POWER O.I.S.	36058 PL1260-Z	36058 + 36068 PL1260-Z + PL1260-F	36401 N85 to N120 55mm Port Adaptor with Lens Control Knob <i>* SN393297 onwards for NA-EM1X</i>		36129 N85 7" Acrylic Dome Port			
						* 18809 180mm Optical Glass Wide Angle Port			
	Panasonic LUMIX G 14mm / F2.5 ASPH					36131 N85 3.5" Acrylic Wide Angle Port	83250 M67 to Bayonet Mount Converter II	1 83201 WWL - 1	Lens FOV 75° Converted FOV 130°
						36151 N85 Pancake Port			
	Panasonic LUMIX G Vario 14-42mm F3.5-5.6 ASPH. MEGA O.I.S.	36141 P1442-Z				36137 N85 4" Acrylic Wide Angle Port	25105 + 81222 M67 Flip Diopter Holder + M67 Adaptor Ring	81301 CMC - 1	Max. Magnification 0.7X Working Distance 50-70mm
						36121 N85 Flat Port 72			
						25104 + 81222 M67 Flip Diopter Holder + M67 Adaptor Ring	81301 CMC - 1	Max. Magnification 0.7X Working Distance 50-70mm	
									81302 CMC - 2
Panasonic LUMIX G Vario 14-42mm F3.5-5.6 II ASPH. MEGA O.I.S.	36057 P1442II-Z				36139 N85 Flat Port 35	SMC/CMC Option 1 - M67 Thread 81228 M67 Spacer Ring for SMC/CMC <i>(included in all SMC/CMC packaging)</i>	81301 CMC - 1	Max. Magnification 0.7X Working Distance 49-72mm	
									81302 CMC - 2
						SMC/CMC Option 2 - Bayonet Mount 83250 + 83214 M67 to Bayonet Mount Converter II + Bayonet Mount Adaptor for SMC/CMC	81301 CMC - 1	Max. Magnification 0.7X Working Distance 50-70mm	
									81302 CMC - 2
						83250 M67 to Bayonet Mount Converter II	1 83201 WWL - 1	Lens FOV 75-29° Converted FOV 130-50°	
									83202 WWL - 1B

1. 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.  
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



## N85 MICRO FOUR THIRDS SYSTEM FOR MICRO FOUR THIRD CAMERA SYSTEMS

	CAMERA LENS	GEAR	PORT ADAPTOR	EXTENSION RING	PORT	MOUNT CONVERTER	WET LENS	OPTICAL PERFORMANCE	
STANDARD ZOOM FOUR THIRDS	Panasonic LUMIX G Vario PZ 14-42mm F3.5-5.6 ASPH. POWER O.I.S.	36146 P1442X-PZ <i>* 36061 P1442X-PZ for NA-GH5</i>			36165 N85 Power Zoom Macro Port 29	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 0.7X Working Distance 49-72mm	
							81302 CMC - 2	Max. Magnification 0.6X Working Distance 77-122mm	
						SMC/CMC Option 2 - Bayonet Mount <b>83250 + 83214</b> M67 to Bayonet Mount Converter II + Bayonet Mount Adaptor for SMC/CMC	81301 CMC - 1	Max. Magnification 0.7X Working Distance 50-70mm	
		81302 CMC - 2	Max. Magnification 0.6X Working Distance 80-120mm						
	Panasonic LUMIX G Vario 14-45mm F3.5-5.6 ASPH. MEGA O.I.S.	36053 P1445-Z				36137 N85 4" Acrylic Wide Angle Port	25105 + 81222 M67 Flip Diopter Holder + M67 Adaptor Ring	81301 CMC - 1	Max. Magnification 0.8X Working Distance 40-75mm
							36121 N85 Flat Port 72	25104 + 81222 M67 Flip Diopter Holder + M67 Adaptor Ring	81301 CMC - 1
WIDE ANGLE FOUR THIRDS	Olympus M.ZUIKO DIGITAL ED 7-14mm f/2.8 PRO	36054 + 36055 0714-Z + 0714-F	36401 N85 to N120 55mm Port Adaptor with Lens Control Knob <i>* SN393297 onwards for NA-EM1X</i>		18809 180mm Optical Glass Wide Angle Port <i>* slight vignetting at 7mm when shooting RAW on GH5S</i>				
	Olympus M.ZUIKO DIGITAL ED 8-25mm f4 PRO	36071 0825-Z	36401 N85 to N120 55mm Port Adaptor with Lens Control Knob <i>* SN393297 onwards for NA-EM1X</i>	22140 N120 Extension Ring 40 II	18809 180mm Optical Glass Wide Angle Port				
				22120 N120 Extension Ring 20 II	* 85201 N120 WACP - 1		Lens FOV 75-47° Converted FOV 130-81° Zoom Range 14-25mm		
	Olympus M.ZUIKO DIGITAL ED 9-18mm f/4-5.6	36143 0918-Z	36064 N85 to N120 34.7mm Port Adaptor	22160 N120 Extension Ring 60 II	18809 180mm Optical Glass Wide Angle Port				
				22140 N120 Extension Ring 40 II	* 85201 N120 WACP - 1 <i>* this setup is not compatible with NA-EM1X</i>		Lens FOV 75-47° Converted FOV 130-81° Zoom Range 14-25mm		
			36052 N85 to N120 47mm Port Adaptor with Zoom Knob <i>* SN297188 onwards for NA-EM1X</i>	22120 N120 Extension Ring 20 II	* 18809 180mm Optical Glass Wide Angle Port				
		36401 N85 to N120 55mm Port Adaptor with Lens Control Knob <i>* SN393297 onwards for NA-EM1X</i>			36137 N85 4" Acrylic Wide Angle Port				

1. 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.  
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





## N85 MICRO FOUR THIRDS SYSTEM FOR MICRO FOUR THIRD CAMERA SYSTEMS

	CAMERA LENS	GEAR	PORT ADAPTOR	EXTENSION RING	PORT				
WIDE ANGLE FOUR THIRDS	Olympus M.ZUIKO DIGITAL ED 12mm f/2.0			36620 N85 Extension Ring 20	36132 N85 4.33" Acrylic Fisheye Dome Port <i>* this setup is not compatible with NA-EM1X</i>				
					* 36048 N85 140mm Optical Glass Fisheye Port				
					36131 N85 3.5" Acrylic Wide Angle Port				
		36168 N85 Pancake Port 24	83250 M67 to Bayonet Mount Converter II	83203 WWL-C	Lens FOV Converted FOV	84° 130°			
Panasonic LUMIX G Vario 7-14mm F4.0 ASPH.		36044 P714-Z			36133 N85 6" Acrylic Wide Angle Port				
		36044 + 36043 P714-Z + P714-F			36164 N85 6" Acrylic Wide Angle Port with Focus Knob				
			36052 N85 to N120 47mm Port Adaptor with Zoom Knob <i>* SN297188 onwards for NA-EM1X</i>		* 18809 180mm Optical Glass Wide Angle Port <i>* slight vignetting at 7mm when shooting RAW on GH5S</i>				
Panasonic LEICA DG VARIO-ELMARIT 8-18mm F2.8-4.0 ASPH.		36062 PL818-Z			36129 N85 7" Acrylic Dome Port				
		36062 + 36063 PL818-Z + PL818-F	36401 N85 to N120 55mm Port Adaptor with Lens Control Knob <i>* SN393297 onwards for NA-EM1X</i>	22120 N120 Extension Ring 20 II	* 18809 180mm Optical Glass Wide Angle Port				
FISHEYE FOUR THIRDS	Olympus M.Zuiko Digital ED 8mm f/1.8 Fisheye PRO	36056 O8-F		36617 N85 Extension Ring 17	* 36048 N85 140mm Optical Glass Fisheye Port				
				36620 N85 Extension Ring 20	36132 N85 4.33" Acrylic Fisheye Dome Port				
	Panasonic LUMIX G FISHEYE 8mm F3.5	36041 P8-F			* 36048 N85 140mm Optical Glass Fisheye Port				
					36131 N85 3.5" Acrylic Wide Angle Port <i>* this setup is not compatible with NA-EM1X</i>				
					36132 N85 4.33" Acrylic Fisheye Dome Port				
Panasonic LUMIX G Vario PZ 14-42mm F3.5-5.6 ASPH. MEGA O.I.S. with Panasonic LUMIX G Vario DMW-GFC1 for G Series		36146 P1442X-PZ <i>* 36061 P1442X-PZ for NA-GH5</i>		36630 N85 Extension Ring 30	36132 N85 4.33" Acrylic Fisheye Dome Port				
CANON EF-MOUNT	Canon EF-mount Lenses with Metabones T Speed Booster Ultra 0.71X Adapter		36064 N85 to N120 34.7mm Port Adaptor		N120 Canon EF-Mount Port System <i>* this setup is not compatible with NA-EM1X</i>				

1. 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.

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