N85 MICRO FOUR THIRDS SYSTEM FOR MICRO FOUR THIRD CAMERA SYSTEMS

MACRO FOUR THIRDS

CAMERA LENS	GEAR	PORT ADAPTOR	EXTENSION RING	PORT	MOUNT CONVERTER	WET LENS	OPTICAL PERFORMANCE
Olympus M.Zuiko Digital ED 30mm f3.5 Macro				**36135** N85 Macro Port 45	**83250** M67 to Bayonet Mount Converter II *(included in all MWL-1 packaging)*	**86201** MWL - 1	Lens FOV 39° Converted FOV 150°
Olympus M.Zuiko Digital ED 60mm f2.8 Macro	**36149** O60-F			**36163** N85 Macro Port 65	SMC/CMC Option 1 - M67 Thread **81228** M67 Spacer Ring for SMC/CMC *(included in all SMC/CMC packaging)*	**81301** CMC - 1	Max. Magnification 2.0X Working Distance 22-70mm
					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 1.7X Working Distance 33-122mm
			36620 N85 Extension Ring 20	**36135** N85 Macro Port 45	**83250** M67 to Bayonet Mount Converter II	**87301** 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.				**36135** N85 Macro Port 45	**83250** M67 to Bayonet Mount Converter II *(included in all MWL-1 packaging)*	**86201** MWL - 1	Lens FOV 39° Converted FOV 150°
Panasonic LEICA DG MACRO-ELMARIT 45mm F2.8 ASPH. MEGA O.I.S.	**36145** P45-F			**36135** N85 Macro Port 45	SMC/CMC Option 1 - M67 Thread **81228** M67 Spacer Ring for SMC/CMC *(included in all SMC/CMC packaging)*	**81301** CMC - 1	Max. Magnification 1.6X Working Distance 17-73mm
					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 1.4X Working Distance 23-124mm
					83250 M67 to Bayonet Mount Converter II	**87303** EMWL Set #3	Lens FOV 20° Converted FOV 60°/100°/130°/160°
Laowa 24mm f/14 2X Macro Probe ** with Metabones T Speed Booster Ultra 0.71X Adapter on NA-GH5 housing*	**19155** N120 DSLR Gear Set	**36064** N85 to N120 34.7mm Port Adaptor ** This setup is only compatible with with 36064 after SN:A329817, older version 36064 can be upgraded using lock mechanism 95851*	**22170 + 22171** N120 Extension Ring 70 II + Focus Knob	**16336** N120 Port Adaptor for Laowa 24mm f/14 2X Macro Probe			

TELEPHOTO MACRO FOUR THIRDS

CAMERA LENS	GEAR	PORT ADAPTOR	EXTENSION RING	PORT	MOUNT CONVERTER	WET LENS	OPTICAL PERFORMANCE
OM System M.Zuiko Digital ED 90mm f/3.5 Macro IS PRO	**36072** O90-F ** Focus Knob is included in packaging*			**36169** N85 Macro Port 120 with Focus Limit Switch Selector ** optical performance at Normal Macro mode*			Max. Magnification 1.1X Working Distance 103mm-∞
					SMC/CMC Option 1 - M67 Thread **81228** M67 Spacer Ring for SMC/CMC *(included in all SMC/CMC packaging)*	**81301** CMC - 1	Max. Magnification 2.2X Working Distance 24-70mm
						81302 CMC - 2	Max. Magnification 1.9X Working Distance 37-123mm
					SMC/CMC Option 2 - Bayonet Mount **83250 + 83214** M67 to Bayonet Mount Converter II + Bayonet Mount Adaptor for SMC/CMC	**81201** 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 ** Focus Knob is included in packaging*			**36169** N85 Macro Port 120 with Focus Limit Switch Selector ** optical performance at S-Macro mode*			Max. Magnification 2.2X Working Distance 73-500mm
					SMC/CMC Option 1 - M67 Thread **81228** M67 Spacer Ring for SMC/CMC *(included in all SMC/CMC packaging)*	**81301** CMC - 1	Max. Magnification 3.5X Working Distance 15-55mm
						81302 CMC - 2	Max. Magnification 2.9X Working Distance 25-87mm
					SMC/CMC Option 2 - Bayonet Mount **83250 + 83214** M67 to Bayonet Mount Converter II + Bayonet Mount Adaptor for SMC/CMC	**81201** 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 ** Focus Knob is included in packaging*		**36626** N85 Extension Ring 26	**36169** N85 Macro Port 120 with Focus Limit Switch Selector			Max. Magnification 2.2X Working Distance 103mm-∞ ** optical performance at Normal Macro mode*
							Max. Magnification 4.3X Working Distance 73-500mm ** optical performance at S-Macro mode*
OM System M.Zuiko Digital ED 90mm f/3.5 Macro IS PRO with M.Zuiko Digital MC-14 1.4x Teleconverter			**36617** N85 Extention Ring 17	**36169** N85 Macro Port 120 with Focus Limit Switch Selector ** manual focus is not supported*			Max. Magnification 1.5X Working Distance 103mm-∞ ** optical performance at Normal Macro mode*
							Max. Magnification 2.9X Working Distance 73-500mm ** optical performance at S-Macro mode*

STANDARD ZOOM FOUR THIRDS

CAMERA LENS	GEAR	PORT ADAPTOR	EXTENSION RING	PORT	MOUNT CONVERTER	WET LENS	OPTICAL PERFORMANCE
Olympus M.ZUIKO DIGITAL ED 12-40mm f/2.8 PRO	**36045** O1240-Z			**36129** N85 7" Acrylic Dome Port			
		36052 N85 to N120 47mm Port Adaptor with Zoom Knob ** SN297188 onwards for NA-EM1X*		* **85206** N120/N100 WACP - 1B			Lens FOV 75-45° Converted FOV 130-68° Zoom Range 14-26mm
				85201 N120 WACP - 1			
			22120 N120 Extension Ring 20 II	* **18809** 180mm Optical Glass Wide Angle Port			
	36045 + 36065 O1240-Z + O1240-F	**36401** N85 to N120 55mm Port Adaptor with Lens Control Knob ** SN393297 onwards for NA-EM1X* ** This setup is only compatible with 36401 after SN:A427960, older version 36401 can be upgraded using lock mechanism 95851*		* **85206** N120/N100 WACP - 1B			Lens FOV 75-38° Converted FOV 130-57° Zoom Range 14-32mm
				85201 N120 WACP - 1			
				18809 180mm Optical Glass Wide Angle Port			
Olympus M.ZUIKO DIGITAL ED 12-45mm f/4 PRO	**36069** O1245-Z			**36129** N85 7" Acrylic Dome Port			
			36620 + 36620 N85 Extension Ring 20 + N85 Extension Ring 20	**36139** N85 Macro Port 35	SMC/CMC Option 1 - M67 Thread **81228** M67 Spacer Ring for SMC/CMC *(included in all SMC/CMC packaging)*	**81301** CMC - 1	Max. Magnification 0.7X Working Distance 24-74mm
					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 0.5X Working Distance 39-130mm
		36401 N85 to N120 55mm Port Adaptor with Lens Control Knob ** SN393297 onwards for NA-EM1X* ** This setup is only compatible with with 36401 after SN:A427960, older version 36401 can be upgraded using lock mechanism 95851*		* **18809** 180mm Optical Glass Wide Angle Port			
		36064 N85 to N120 34.7mm Port Adaptor ** these setups are not compatible with NA-EM1X* ** This setup is only compatible with with 36064 after SN:A329817, older version 36064 can be upgraded using lock mechanism 95851*		* **85206** N120/N100 WACP - 1B			Lens FOV 75-45° Converted FOV 130-58° Zoom Range 14-29mm
				85201 N120 WACP - 1			
	36069 + 36070 O1240-Z + O1240-F	**36052** N85 to N120 47mm Port Adaptor with Zoom Knob ** SN297188 onwards for NA-EM1X*		**18809** 180mm Optical Glass Wide Angle Port			
Olympus M.Zuiko Digital ED 12-50mm f/3.5-6.3 EZ				**36137** N85 4" Acrylic Wide Angle Port			
	36147 O1250-Z ** 36059 O1250-Z for NA-GH5 & NA-EM1X*			**36161** N85 Macro Port with M77 Thread ** 36167 Gear Set for NA-OM1*	**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	Lens FOV 72-24° Converted FOV 110-37° Zoom Range 14-50mm
					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
Olympus M.Zuiko Digital 14-42mm f/3.5-5.6 II R	**36143** O1442-Z			**36137** N85 4" Acrylic Wide Angle Port			
				36136 N85 Macro Port 56	SMC/CMC Option 1 - M67 Thread **81228** M67 Spacer Ring for SMC/CMC *(included in all SMC/CMC packaging)*	**81301** CMC - 1	Max. Magnification 0.8X Working Distance 41-76mm
					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 63-130mm
					83250 M67 to Bayonet Mount Converter II	**83202** WWL - 1B	Lens FOV 75-29° Converted FOV 130-50°
Olympus M.Zuiko Digital 14-42mm f/3.5-5.6 EZ	**36047** O1442EZ-Z			**36165** N85 Power Zoom Macro Port 29	**83250** M67 to Bayonet Mount Converter II	**83202** WWL - 1B	Lens FOV 75-29° Converted FOV 130-50°
					SMC/CMC Option 1 - M67 Thread **81228** M67 Spacer Ring for SMC/CMC *(included in all SMC/CMC packaging)*	**81301** CMC - 1	Max. Magnification 0.8X Working Distance 41-76mm
					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 63-130mm
Panasonic LUMIX G VARIO 12-32mm F3.5-5.6 ASPH. ASPH. MEGA O.I.S.	**36046** P1232-Z			**36165** N85 Power Zoom Macro Port 29	**83250** M67 to Bayonet Mount Converter II	**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°
Panasonic LUMIX G X Vario 12-35mm F2.8 I/ II ASPH. POWER O.I.S.	**36148** P1235-Z			**36133** N85 6" Acrylic Wide Angle Port			
		36064 N85 to N120 34.7mm Port Adaptor ** these setups are not compatible with NA-EM1X* ** This setup is only compatible with with 36064 after SN:A329817, older version 36064 can be upgraded using lock mechanism 95851*		* **85206** N120/N100 WACP - 1B			Lens FOV 75-52° Converted FOV 130-90° Zoom Range 14-22mm
				85201 N120 WACP - 1			
	36148 + 36042 P1235-Z + P1235-F			**36164** N85 6" Acrylic Wide Angle Port with Focus Knob			
		36052 N85 to N120 47mm Port Adaptor with Zoom Knob ** SN297188 onwards for NA-EM1X*		* **85206** N120/N100 WACP - 1B			Lens FOV 75-40° Converted FOV 130-69° Zoom Range 14-30mm
				85201 N120 WACP - 1			
			22120 N120 Extension Ring 20 II	* **18809** 180mm Optical Glass Wide Angle Port			
Panasonic LEICA DG VARIO-ELMARIT 12-60mm F2.8-4.0 ASPH. POWER O.I.S.	**36058** PL1260-Z			**36129** N85 7" Acrylic Dome 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			
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 *(included in all SMC/CMC packaging)*	**81301** CMC - 1	Max. Magnification 0.7X Working Distance 49-72mm
					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 77-122mm
					83250 M67 to Bayonet Mount Converter II	**83202** WWL - 1B	Lens FOV 75-29° Converted FOV 130-50°
Panasonic LUMIX G Vario PZ 14-42mm F3.5-5.6 ASPH. POWER O.I.S.	**36061** P1442X-PZ ** SN353928 onwards only*			**36165** N85 Power Zoom Macro Port 29	SMC/CMC Option 1 - M67 Thread **81228** M67 Spacer Ring for SMC/CMC *(included in all SMC/CMC packaging)*	**81301** CMC - 1	Max. Magnification 0.7X Working Distance 49-72mm
					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 77-122mm
					83250 M67 to Bayonet Mount Converter II	**83202** WWL - 1B	Lens FOV 75-29° Converted FOV 130-50°
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			

WIDE ANGLE FOUR THIRDS

CAMERA LENS	GEAR	PORT ADAPTOR	EXTENSION RING	PORT	MOUNT CONVERTER	WET LENS	OPTICAL PERFORMANCE
Olympus M.ZUIKO DIGITAL ED 7-14mm f/2.8 PRO	**36054 + 36055** O714-Z + O714-F	**36401** N85 to N120 55mm Port Adaptor with Lens Control Knob ** SN393297 onwards for NA-EM1X* ** This setup is only compatible with with 36401 after SN:A427960, older version 36401 can be upgraded using lock mechanism 95851*		**18809** 180mm Optical Glass Wide Angle Port ** slight vignetting at 7mm when shooting RAW on GH5S*			
Olympus M.ZUIKO DIGITAL ED 8-25mm f4 PRO	**36071** O825-Z	**36401** N85 to N120 55mm Port Adaptor with Lens Control Knob ** SN393297 onwards for NA-EM1X* ** This setup is only compatible with with 36401 after SN:A427960, older version 36401 can be upgraded using lock mechanism 95851*	**22140** N120 Extension Ring 40 II	**18809** 180mm Optical Glass Wide Angle Port			
			22120 N120 Extension Ring 20 II	* **85206** N120/N100 WACP - 1B			Lens FOV 75-47° Converted FOV 130-81° Zoom Range 14-25mm
				85201 N120 WACP - 1			
		36064 N85 to N120 34.7mm Port Adaptor ** This setup is only compatible with 36064 after SN:A329817, older version 36064 can be upgraded using lock mechanism 95851*	**22160** N120 Extension Ring 60 II	**18809** 180mm Optical Glass Wide Angle Port			
			22140 N120 Extension Ring 40 II ** these setups are not compatible with NA-EM1X*	* **85206** N120/N100 WACP - 1B			Lens FOV 75-47° Converted FOV 130-81° Zoom Range 14-25mm
				85201 N120 WACP - 1			
Olympus M.ZUIKO DIGITAL ED 9-18mm f/4-5.6	**36143** O918-Z			**36137** N85 4" Acrylic Wide Angle Port			
		36052 N85 to N120 47mm Port Adaptor with Zoom Knob ** SN297188 onwards for NA-EM1X*	**22120** N120 Extension Ring 20 II	* **18809** 180mm Optical Glass Wide Angle Port			
		36401 N85 to N120 55mm Port Adaptor with Lens Control Knob ** SN393297 onwards for NA-EM1X* ** This setup is only compatible with with 36401 after SN:A427960, older version 36401 can be upgraded using lock mechanism 95851*					
Olympus M.ZUIKO DIGITAL ED 12mm f/2.0				**36132** N85 4.33" Acrylic Fisheye Dome Port ** this setup is not compatible with NA-EM1X*			
			36620 N85 Extension Ring 20	* **36048** N85 140mm Optical Glass Fisheye Port			
				36168 N85 Pancake Port 24	**83250** M67 to Bayonet Mount Converter II	**83203** WWL-C	Lens FOV 84° Converted FOV 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 ** SN297188 onwards for NA-EM1X*		* **18809** 180mm Optical Glass Wide Angle Port ** slight vignetting at 7mm when shooting RAW on GH5S*			
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 ** SN393297 onwards for NA-EM1X* ** This setup is only compatible with with 36401 after SN:A427960, older version 36401 can be upgraded using lock mechanism 95851*	**22120** N120 Extension Ring 20 II	* **18809** 180mm Optical Glass Wide Angle Port			

FISHEYE FOUR THIRDS

CAMERA LENS	GEAR	PORT ADAPTOR	EXTENSION RING	PORT	MOUNT CONVERTER	WET LENS	OPTICAL PERFORMANCE
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 ** slightly vignetting in 4:3 aspect ratio*			
				36132 N85 4.33" Acrylic Fisheye Dome Port			

CANON EF-MOUNT

CAMERA LENS	GEAR	PORT ADAPTOR	EXTENSION RING	PORT	MOUNT CONVERTER	WET LENS	OPTICAL PERFORMANCE
Canon EF-mount Lenses with Metabones T Speed Booster Ultra 0.71X Adapter		**36064** N85 to N120 34.7mm Port Adaptor ** This setup is only compatible with with 36064 after SN:A329817, older version 36064 can be upgraded using lock mechanism 95851*		**N120 Canon EF-Mount Port System** ** this setup is not compatible with NA-EM1X*			

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

Last Updated : 2024-08-23

** This port chart is subject to updating as new information becomes available*