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**				36135 N85 Macro Port 45	83250 M4/3 to Bayonet Mount Converter II *Included in all N85 / packaging*	86201 ANC, 1	Lens FOV 39° Camera FOV 139°
	Olympus M.Zuiko Digital ED 60mm f2.8 Macro	36149 D60-F			36163 N85 Macro Port 65	SMC/CMC Option 1- M4/3 Thread 83228 M4/3 Spacer Ring for SMC/CMC *Included in all SMC/CMC packaging*	81301 CMC-1	Max. Magnification 2.0X Working Distance 22-70mm
							81302 CMC-2	Max. Magnification 1.7X Working Distance 23-122mm
							81303 CMC-3	Max. Magnification 1.6X Working Distance 58-93mm
						SMC/CMC Option 2- Bayonet Mount 83250 + 83214 M4/3 to Bayonet Mount Converter II + Bayonet Mount Adaptor for SMC/CMC	81501 MFD-1	Max. Magnification 1.1X Working Distance 58-113mm
	Panasonic Lumix G Macro 30mm f2.8 Asph. Mega O.I.S.			36620 N85 Extension Ring 20	36135 N85 Macro Port 45	83250 M4/3 to Bayonet Mount Converter II	87301 EMW, Set 4T	Lens FOV 20° Camera FOV 107°(10°/150°)
	Panasonic LEICA DG MACRO-ELMARIT 45mm F2.8 ASPH. MEGA O.I.S.				36135 N85 Macro Port 45	83250 M4/3 to Bayonet Mount Converter II *Included in all N85 / packaging*	86201 ANC, 1	Lens FOV 39° Camera FOV 139°
						SMC/CMC Option 1- M4/3 Thread 83228 M4/3 Spacer Ring for SMC/CMC *Included in all SMC/CMC packaging*	81301 CMC-1	Max. Magnification 1.6X Working Distance 17-73mm
							81302 CMC-2	Max. Magnification 1.4X Working Distance 23-124mm
							81303 CMC-3	Max. Magnification 1.3X Working Distance 58-181mm
						SMC/CMC Option 2- Bayonet Mount 83250 + 83214 M4/3 to Bayonet Mount Converter II + Bayonet Mount Adaptor for SMC/CMC	81501 MFD-1	Max. Magnification 1.1X Working Distance 27-113mm
						83250 M4/3 to Bayonet Mount Converter II	87302 EMW, Set 4T	Lens FOV 20° Camera FOV 107°(10°/150°)
TELEPHOTO MACRO (FOUR THIRDS)	**OM System M.Zuiko Digital ED 90mm f3.5 Macro IS PRO**	36072 D90-F * *Focus Ring is included in packaging*			36169 N85 Macro Port 130 with Focus Limit Switch Selector * *optical performance at Normal Macro mode*			Max. Magnification 1.1X Working Distance 152mm-oo
						SMC/CMC Option 1- M4/3 Thread 81228 M4/3 Spacer Ring for SMC/CMC *Included in all SMC/CMC packaging*	81301 CMC-1	Max. Magnification 2.2X Working Distance 24-70mm
						SMC/CMC Option 2- Bayonet Mount 83250 + 83214 M4/3 to Bayonet Mount Converter II + Bayonet Mount Adaptor for SMC/CMC	81302 CMC-2	Max. Magnification 1.9X Working Distance 27-123mm
	OM System M.Zuiko Digital ED 90mm f3.5 Macro IS PRO	36072 D90-F * *Focus Ring is included in packaging*			36169 N85 Macro Port 130 with Focus Limit Switch Selector * *optical performance at 5-Macro mode*			Max. Magnification 2.2X Working Distance 73-500mm
						SMC/CMC Option 1- M4/3 Thread 81228 M4/3 Spacer Ring for SMC/CMC *Included in all SMC/CMC packaging*	81301 CMC-1	Max. Magnification 3.0X Working Distance 19-55mm
						SMC/CMC Option 2- Bayonet Mount 83250 + 83214 M4/3 to Bayonet Mount Converter II + Bayonet Mount Adaptor for SMC/CMC	81302 CMC-2	Max. Magnification 2.9X Working Distance 25-87mm
	OM System M.Zuiko Digital ED 90mm f3.5 Macro IS PRO with M.Zuiko Digital MC-20 2.0x Teleconverter	36072 D90-F * *Focus Ring is included in packaging*		36626 N85 Extension Ring 36	36169 N85 Macro Port 130 with Focus Limit Switch Selector			Max. Magnification 2.0X Working Distance 152mm-oo * *optical performance at Normal Macro mode*
	OM System M.Zuiko Digital ED 90mm f3.5 Macro IS PRO with M.Zuiko Digital MC-14 1.4x Teleconverter	36072 D90-F * *Focus Ring is included in packaging*		36617 N85 Extension Ring 17	36169 N85 Macro Port 130 with Focus Limit Switch Selector * *manual focus is not supported*			Max. Magnification 4.2X Working Distance 73-500mm * *optical performance at 5-Macro mode*
								Max. Magnification 1.5X Working Distance 103mm-oo * *optical performance at Normal Macro mode*
								Max. Magnification 2.9X Working Distance 73-500mm * *optical performance at 5-Macro mode*
STANDARD (FOUR THIRDS)	**Olympus M.ZUIKO DIGITAL ED 12-40mm f2.8 PRO**	36045 O1240-2			36129 N85 7 Acrylic Dome Port			Lens FOV 75-40° Camera FOV 120-68° Zoom Range 14-26mm
			36052 M4/3 to N120 4Twist Port Adaptor with Zoom Knob * *ONLY2100 onwards for NA-DM1X*	22120 N120 Extension Ring 20 II	83206 N120/N100 MACP - 18			
					18869 180mm Optical Glass Wide Angle Port			
		36045 + 36065 O1240-2 + O1860F	36451 N85 to N120 Bayonet Port Adaptor with Lens Control Knob * *ONLY2022NT onwards for NA-DM1X* * *This setup is only compatible with: DMW-MA1 (firmware version: DMA01 OR A4CF7002 onwards), other version: DMA01 OR A4CF7002 onwards, other version: DMA01 OR A4CF7002 onwards, lock mechanism: 93051*		83206 N120/N100 MACP - 18			Lens FOV 75-38° Camera FOV 120-57° Zoom Range 14-25mm
					18869 180mm Optical Glass Wide Angle Port			
	Olympus M.ZUIKO DIGITAL ED 12-45mm f4 PRO	36009 O1245-2			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- M4/3 Thread 81228 M4/3 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 M4/3 to Bayonet Mount Converter II + Bayonet Mount Adaptor for SMC/CMC	81302 CMC-2	Max. Magnification 0.5X Working Distance 39-120mm
			36451 N85 to N120 Bayonet Port Adaptor with Lens Control Knob * *ONLY2022NT onwards for NA-DM1X* * *This setup is only compatible with: DMW-MA1 (firmware version: DMA01 OR A4CF7002 onwards), other version: DMA01 OR A4CF7002 onwards, other version: DMA01 OR A4CF7002 onwards, lock mechanism: 93051*		18869 180mm Optical Glass Wide Angle Port			
			36064 M4/3 to N120 24 Twist Port Adaptor * *these setups are not compatible with NA-DM1X* * *This setup is only compatible with: DMW-MA1 (firmware version: DMA01 OR A4CF7002 onwards), other version: DMA01 OR A4CF7002 onwards, other version: DMA01 OR A4CF7002 onwards, lock mechanism: 93051*		83206 N120/N100 MACP - 18			Lens FOV 75-40° Camera FOV 120-58° Zoom Range 14-29mm
	Olympus M.Zuiko Digital ED 12-50mm f3.5-6.3 EZ	36147 O1250-Z			36137 N85 8" Acrylic Wide Angle Port			Lens FOV 39-34° Camera FOV 132-71° Zoom Range 30-50mm
					36161 N85 Micro Port with M77 Thread * *N85 Port is for NA-DM1*	83251 M77 to Bayonet Mount Converter II	86201 ANC, 1	
							83263 ANC, C	Lens FOV 72-34° Camera FOV 139-71° 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 24-90mm
	Olympus M.Zuiko Digital 14-42mm f3.5-5.6 II R	36143 O1442-2			36137 N85 8" Acrylic Wide Angle Port			
					36136 N85 Macro Port 56	SMC/CMC Option 1- M4/3 Thread 81228 M4/3 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 M4/3 to Bayonet Mount Converter II + Bayonet Mount Adaptor for SMC/CMC	81302 CMC-2	Max. Magnification 0.6X Working Distance 63-126mm
	Olympus M.Zuiko Digital 14-42mm f3.5-5.6 EZ	36047 O1442EZ-2			36145 N85 Power Zoom Macro Port 25	83250 M4/3 to Bayonet Mount Converter II	83202 WML - 18	Lens FOV 75-29° Camera FOV 130-50° Zoom Range 14-42mm
						SMC/CMC Option 1- M4/3 Thread 81228 M4/3 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 M4/3 to Bayonet Mount Converter II + Bayonet Mount Adaptor for SMC/CMC	81302 CMC-2	Max. Magnification 0.6X Working Distance 63-126mm
	Panasonic LUMIX G VARIO 12-32mm F3.5-5.6 ASPH. MEGA O.I.S.	36046 H-F012-E			36145 N85 Power Zoom Macro Port 25	83250 M4/3 to Bayonet Mount Converter II	83202 WML - 18	Lens FOV 75-27° Camera FOV 130-64° Zoom Range 12-32mm
							83203 WML C	Lens FOV 84-27° Camera FOV 139-57°
	Panasonic LUMIX G X Vario 12-35mm F2.8 II / II ASPH. POWER O.I.S.	36148 H-X035-E			36133 N85 8" Acrylic Wide Angle Port			
			36064 M4/3 to N120 24 Twist Port Adaptor * *these setups are not compatible with NA-DM1X* * *This setup is only compatible with: DMW-MA1 (firmware version: DMA01 OR A4CF7002 onwards), other version: DMA01 OR A4CF7002 onwards, other version: DMA01 OR A4CF7002 onwards, lock mechanism: 93051*		83206 N120/N100 MACP - 18			Lens FOV 75-32° Camera FOV 130-50° Zoom Range 12-35mm
		36148 + 36042 H-X035-E + H-X035F			36164 N85 8" Acrylic Wide Angle Port with Focus Knob			Lens FOV 75-40° Camera FOV 130-69° Zoom Range 14-35mm
			36052 M4/3 to N120 4Twist Port Adaptor with Zoom Knob * *ONLY2100 onwards for NA-DM1X*	22120 N120 Extension Ring 20 II	83206 N120/N100 MACP - 18			
					18869 180mm Optical Glass Wide Angle Port			
	Panasonic LEICA DG VARIO-ELMARIT 12-60mm f2.8-4.0 ASPH. POWER O.I.S.	36058 H-ZS012			36129 N85 7" Acrylic Dome Port			
	Panasonic LUMIX G Vario 14-45mm F3.5-5.6 ASPH. MEGA O.I.S.	36141 H-H014-2			36137 N85 8" Acrylic Wide Angle Port			
	Panasonic LUMIX G Vario 14-45mm F3.5-5.6 ASPH. MEGA O.I.S.	36057 H-H045-2			36139 N85 Flat Port 35	SMC/CMC Option 1- M4/3 Thread 81228 M4/3 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 M4/3 to Bayonet Mount Converter II + Bayonet Mount Adaptor for SMC/CMC	81302 CMC-2	Max. Magnification 0.6X Working Distance 77-123mm
						83250 M4/3 to Bayonet Mount Converter II	83202 WML - 18	Lens FOV 75-29° Camera FOV 130-50°
	Panasonic LUMIX G Vario 12-60mm F3.5-5.6 ASPH. POWER O.I.S.	36061 H-HS12060-K *2022/01/02 onwards only*			36145 N85 Power Zoom Macro Port 25	SMC/CMC Option 1- M4/3 Thread 81228 M4/3 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 M4/3 to Bayonet Mount Converter II + Bayonet Mount Adaptor for SMC/CMC	81302 CMC-2	Max. Magnification 0.6X Working Distance 77-123mm
						83250 M4/3 to Bayonet Mount Converter II	83202 WML - 18	Lens FOV 75-29° Camera FOV 130-50°
	Panasonic LUMIX G Vario 7-14mm F4 ASPH. MEGA O.I.S.	36053 H-F007-2			36137 N85 8" Acrylic Wide Angle Port			
WIDE ANGLE (FOUR THIRDS)	**Olympus M.ZUIKO DIGITAL ED 7-14mm f2.8 PRO**	36054 + 36055 O-714-2 + O-714F	36451 N85 to N120 Bayonet Port Adaptor with Lens Control Knob * *ONLY2022NT onwards for NA-DM1X* * *This setup is only compatible with: DMW-MA1 (firmware version: DMA01 OR A4CF7002 onwards), other version: DMA01 OR A4CF7002 onwards, other version: DMA01 OR A4CF7002 onwards, lock mechanism: 93051*		18869 180mm Optical Glass Wide Angle Port *slight vignetting at 7mm when shooting RAW on OM5*			
	Olympus M.ZUIKO DIGITAL ED 8-25mm f4 PRO	36071 O825-Z	36451 N85 to N120 Bayonet Port Adaptor with Lens Control Knob * *ONLY2022NT onwards for NA-DM1X* * *This setup is only compatible with: DMW-MA1 (firmware version: DMA01 OR A4CF7002 onwards), other version: DMA01 OR A4CF7002 onwards, other version: DMA01 OR A4CF7002 onwards, lock mechanism: 93051*	22140 N120 Extension Ring 40 II 22120 N120 Extension Ring 20 II	18869 180mm Optical Glass Wide Angle Port 83206 N120/N100 MACP - 18			Lens FOV 75-47° Camera FOV 130-81° Zoom Range 14-25mm
			36064 M4/3 to N120 24 Twist Port Adaptor * *This setup is only compatible with: DMW-MA1 (firmware version: DMA01 OR A4CF7002 onwards), other version: DMA01 OR A4CF7002 onwards, other version: DMA01 OR A4CF7002 onwards, lock mechanism: 93051*	22140 N120 Extension Ring 40 II 22120 N120 Extension Ring 20 II * *these setups are not compatible with NA-DM1X*	18869 180mm Optical Glass Wide Angle Port 83206 N120/N100 MACP - 18			Lens FOV 75-47° Camera FOV 130-81° Zoom Range 14-25mm
	Olympus M.ZUIKO DIGITAL ED 9-18mm f4-5.6	36143 O918-Z			36137 N85 8" Acrylic Wide Angle Port			
			36052 M4/3 to N120 4Twist Port Adaptor with Zoom Knob * *ONLY2100 onwards for NA-DM1X*	22120 N120 Extension Ring 20 II	18869 180mm Optical Glass Wide Angle Port			
			36451 N85 to N120 Bayonet Port Adaptor with Lens Control Knob * *ONLY2022NT onwards for NA-DM1X* * *This setup is only compatible with: DMW-MA1 (firmware version: DMA01 OR A4CF7002 onwards), other version: DMA01 OR A4CF7002 onwards, other version: DMA01 OR A4CF7002 onwards, lock mechanism: 93051*		18869 180mm Optical Glass Wide Angle Port *slight vignetting at 7mm when shooting RAW on OM5*			
	Olympus M.ZUIKO DIGITAL ED 7-14mm f2.8				36122 N85 6.35" Acrylic Fisheye Dome Port * *this setup is not compatible with NA-DM1X*			
				36620 N85 Extension Ring 20	36048 N85 140mm Optical Glass Fisheye Port			
					36168 N85 Pancake Port 24	83250 M4/3 to Bayonet Mount Converter II	83203 WML C	Lens FOV 84° Camera FOV 139°
	Panasonic LUMIX G Vario 7-14mm F4.0 ASPH.	36094 H-F014-2			36133 N85 8" Acrylic Wide Angle Port			
		36094 + 36043 H-F014-2 + H-F014F			36164 N85 8" Acrylic Wide Angle Port with Focus Knob			
			36052 M4/3 to N120 4Twist Port Adaptor with Zoom Knob * *ONLY2100 onwards for NA-DM1X*		18869 180mm Optical Glass Wide Angle Port *slight vignetting at 7mm when shooting RAW on OM5*			
	Panasonic LEICA DG VARIO-ELMARIT 8-18mm F2.8-4.0 ASPH.	36062 H-X012-2			36129 N85 7" Acrylic Dome Port			
		36062 + 36063 H-X012-2 + H-X012F	36451 N85 to N120 Bayonet Port Adaptor with Lens Control Knob * *ONLY2022NT onwards for NA-DM1X* * *This setup is only compatible with: DMW-MA1 (firmware version: DMA01 OR A4CF7002 onwards), other version: DMA01 OR A4CF7002 onwards, other version: DMA01 OR A4CF7002 onwards, lock mechanism: 93051*	22120 N120 Extension Ring 20 II	18869 180mm Optical Glass Wide Angle Port			
FISHEYE (FOUR THIRDS)	**Olympus M.Zuiko Digital ED 8mm f1.8 Fisheye PRO**	36056 O8-F		36617 N85 Extension Ring 17	36048 N85 140mm Optical Glass Fisheye Port			
				36620 N85 Extension Ring 20	36122 N85 6.35" Acrylic Fisheye Dome Port			
	Panasonic LUMIX G FISHEYE 8mm F3.5	36041 H-F			36048 N85 140mm Optical Glass Fisheye Port *vignetting in 4:3 aspect ratio*			
					36132 N85 6.35" Acrylic Fisheye Dome Port			
CANON EF MOUNT	**Canon EF-mount Lenses with Metabones T Speed Booster Ultra 0.71X Adapter**		36064 M4/3 to N120 24 Twist Port Adaptor * *This setup is only compatible with: DMW-MA1 (firmware version: DMA01 OR A4CF7002 onwards), other version: DMA01 OR A4CF7002 onwards, other version: DMA01 OR A4CF7002 onwards, lock mechanism: 93051*		**N120 Canon EF-Mount Port System** * *this setup is not compatible with NA-DM1X*			

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 : 2024-12-23

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