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				**34155** N85 Macro Port 45	**83250** M67 to Bayonet Mount Converter II *(included in all SMC-CAM packaging)*	**86281** VML-1	Lens FOV Converted FOV 29° 15°
Olympus M.ZUIKO Digital ED 60mm f2.8 Macro	**36149** S047			**36163** N85 Macro Port 65	**81208** M67 Spacer Ring for SMC/CMC *(included in all SMC/CMC packaging)*	**81301** CMC-1	Max. Magnification 2.04 Working Distance 22-72mm
						81302 CMC-2	Max. Magnification 1.76 Working Distance 33-112mm
						81303 SMC-3	Max. Magnification 1.64 Working Distance 30-93mm
					SMC/CMC Option 2 - Bayonet Mount **83250 + 83214** M67 to Bayonet Mount Converter II + Bayonet Mount Adaptor for SMC/CMC	**81501** MFO-1	Max. Magnification 1.14 Working Distance 58-112mm
						81503 MFO-3	Max. Magnification 0.55 Working Distance 81-500mm Lens FOV 21° Converted FOV 45°
		34420 N85 Extension Ring 20		**34135** N85 Macro Port 45	**83250** M67 to Bayonet Mount Converter II	**87301** CMAC, fat AT	Lens FOV 29° Converted FOV 58°(109°/180°/140°
Panasonic Lumix G Macro 30mm F2.8 Asph Mega O.I.S.				**34135** N85 Macro Port 45	**83250** M67 to Bayonet Mount Converter II	**86281** VML-1	Lens FOV 29° Converted FOV 58°
Panasonic LEICA DG MACRO-ELMARIT 45mm F2.8 ASPH. MEGA O.I.S.	**36145** H-ES45			**34135** N85 Macro Port 45	SMC/CMC Option 1 - M67 Thread **81208** M67 Spacer Ring for SMC/CMC *(included in all SMC/CMC packaging)*	**81301** CMC-1	Max. Magnification 2.04 Working Distance 22-72mm
						81302 CMC-2	Max. Magnification 1.76 Working Distance 33-112mm
						81303 SMC-3	Max. Magnification 1.64 Working Distance 30-93mm
					SMC/CMC Option 2 - Bayonet Mount **83250 + 83214** M67 to Bayonet Mount Converter II + Bayonet Mount Adaptor for SMC/CMC	**81501** MFO-1	Max. Magnification 1.14 Working Distance 58-112mm
						81503 MFO-3	Max. Magnification 0.55 Working Distance 81-500mm Lens FOV 21° Converted FOV 45°
					83250 M67 to Bayonet Mount Converter II	**87301** CMAC, fat AT	Lens FOV 29° Converted FOV 58°(109°/180°/140°
TELEPHOTO MACRO (FOUR THIRDS)	**36072** S067 • Focus Ring is included in packaging			**36169** N85 Macro Port 130 with Focus Limit Switch Selector • *optimal performance at Normal Macro mode*	SMC/CMC Option 1 - M67 Thread **81208** M67 Spacer Ring for SMC/CMC *(included in all SMC/CMC packaging)*	**81301** CMC-1	Max. Magnification 1.13 Working Distance 103mm-ø
						81501 MFO-1	Max. Magnification 1.23 Working Distance 66-112mm
						81503 MFO-3	Max. Magnification 0.74 Working Distance 0-1400mm Lens FOV 14° Converted FOV 28°
					SMC/CMC Option 2 - Bayonet Mount **83250 + 83214** M67 to Bayonet Mount Converter II + Bayonet Mount Adaptor for SMC/CMC	**81303** SMC-3	Max. Magnification 1.64 Working Distance 33-103mm
						81302 CMC-2	Max. Magnification 1.48 Working Distance 50-120mm
						81301 CMC-1	Max. Magnification 1.63 Working Distance 46-92mm
OM System M.Zuiko Digital ED 90mm f3.5 Macro IS PRO	**36072** S067 • Focus Ring is included in packaging			**36169** N85 Macro Port 130 with Focus Limit Switch Selector • *optimal performance at 2-50cm mode*	SMC/CMC Option 1 - M67 Thread **81208** M67 Spacer Ring for SMC/CMC *(included in all SMC/CMC packaging)*	**81301** CMC-1	Max. Magnification 2.26 Working Distance 73-500mm
						81501 MFO-1	Max. Magnification 2.18 Working Distance 29-200mm
					SMC/CMC Option 2 - Bayonet Mount **83250 + 83214** M67 to Bayonet Mount Converter II + Bayonet Mount Adaptor for SMC/CMC	**81303** SMC-3	Max. Magnification 2.59 Working Distance 20-74mm
						81302 CMC-2	Max. Magnification 1.94 Working Distance 39-90mm
						81301 CMC-1	Max. Magnification 2.26 Working Distance 20-52mm
OM System M.Zuiko Digital ED 90mm f3.5 Macro IS PRO with M.Zuiko Digital MC-20 2.0x Teleconverter	**36072** S067 • Focus Ring is included in packaging	**36026** N85 Extension Ring 26		**36169** N85 Macro Port 130 with Focus Limit Switch Selector • *optimal performance at 2-50cm mode* • *manual focus is not supported*			Max. Magnification 2.26 Working Distance 73-500mm • *optimal performance at Macro mode*
							Max. Magnification 4.58 Working Distance 73-500mm • *optimal performance at 2-50cm mode*
OM System M.Zuiko Digital ED 90mm f3.5 Macro IS PRO with M.Zuiko Digital MC-14 1.4x Teleconverter		**36017** N85 Extension Ring 17		**36169** N85 Macro Port 130 with Focus Limit Switch Selector • *optimal focus is not supported*			Max. Magnification 1.52 Working Distance 103mm-ø • *optimal performance at Macro mode*
							Max. Magnification 3.92 Working Distance 73-500mm • *optimal performance at 2-50cm mode*
STANDARD ZOOM (FOUR THIRDS)							
Olympus M.ZUIKO DIGITAL ED 12-40mm f2.8 PRO	**36045** S1040-2			**36129** M67 T Acrylic Dome Port			
		36052 N85 to M.58 4.5mm Port Adaptor with Zoom Knob • *ZADO7148 eminently for NA-EM10*	**22120** M.58 Extension Ring 20 II	**83256** M.58/N100 MACF - 18			Lens FOV Converted FOV Zoom Range 75.49° 150-68° 14-33mm
				18909 180mm Optical Glass Wide-Angle Port			
	36045 + 36065 S1040-2 + S1240-F	**36401** N85 to M.58 35mm Port Adaptor with Lens Control Knob • *ZADO7148 eminently for NA-EM10* • *This setup is only compatible with: SMC DA-M1740 (4 rewards, older version SH001 can be upgraded using hub mechanism H001)*	**22120** M.58 Extension Ring 20 II	**83256** M.58/N100 MACF - 18			Lens FOV Converted FOV Zoom Range 75.28° 150-57° 14-32mm	
				18909 180mm Optical Glass Wide-Angle Port			
Olympus M.ZUIKO DIGITAL ED 12-45mm f4 PRO	**36069** S1045-2			**36129** M67 T Acrylic Dome Port			
		36630 N85 Extension Ring 30		**36135** N85 Macro Port 45	SMC/CMC Option 1 - M67 Thread **81208** M67 Spacer Ring for SMC/CMC *(included in all SMC/CMC packaging)*	**81301** CMC-1	Max. Magnification 0.79 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 0.59 Working Distance 39-138mm
		36401 N85 to M.58 35mm Port Adaptor with Lens Control Knob • *ZADO7148 eminently for NA-EM10* • *This setup is only compatible with: with SMC DA-M1740 (4 rewards, older version SH001 can be upgraded using hub mechanism H001)*		**18909** 180mm Optical Glass Wide-Angle Port			
		36064 N85 to M.58 24.7mm Port Adaptor • *these setups are not compatible with NA-EM10*		**83256** M.58/N100 MACF - 18			Lens FOV Converted FOV Zoom Range 75.45° 150-68° 14-33mm
	36069 + 36070 S1240-Z + S1240-F	**36052** N85 to M.58 4.5mm Port Adaptor with Zoom Knob • *ZADO7148 eminently for NA-EM10*		**18909** 180mm Optical Glass Wide-Angle Port			
Olympus M.ZUIKO Digital ED 12-50mm f3.5-6.3 EZ				**36137** N85 F Acrylic Wide-Angle Port			
	36147 S1250-Z			**36161** N85 Macro Port with Focus Limit Switch • *M.ZUIKO 12-50 EZ for NA-EM1*	**83251** M77 to Bayonet Mount Converter II	**86281** VML-1	Lens FOV Converted FOV Zoom Range 39-24° 150-71° 14-50mm
						83202 VML-2	Lens FOV Converted FOV Zoom Range 70-24° 115-37° 14-50mm
					83251 + 83214 M77 to Bayonet Mount Converter II + Bayonet Mount Adaptor for SMC/CMC	**81301** CMC-1	Max. Magnification 0.64 Working Distance 14-51mm
						81302 CMC-2	Max. Magnification 0.78 Working Distance 24-93mm
Olympus M.Zuiko Digital 14-42mm f3.5-5.6 II R	**36143** S1442-Z			**36137** N85 F Acrylic Wide-Angle Port			
				36136 N85 Macro Port 56	SMC/CMC Option 1 - M67 Thread **81208** M67 Spacer Ring for SMC/CMC *(included in all SMC/CMC packaging)*	**81301** CMC-1	Max. Magnification 0.62 Working Distance 41-75mm
					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 0.63 Working Distance 63-135mm
Olympus M.Zuiko Digital 14-42mm f3.5-5.6 EZ	**36047** S1442EZ-Z			**36165** N85 Power Zoom Macro Port 29	**83250** M67 to Bayonet Mount Converter II	**83202** VML-2	Lens FOV Converted FOV 79.29° 139-50°
					83250 M67 to Bayonet Mount Converter II	**83202** VML-2	Lens FOV Converted FOV 75.29° 139-50°
					SMC/CMC Option 1 - M67 Thread **81208** M67 Spacer Ring for SMC/CMC *(included in all SMC/CMC packaging)*	**81301** CMC-1	Max. Magnification 0.64 Working Distance 41-75mm
					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 0.64 Working Distance 63-135mm
Panasonic LUMIX G VARIO 12-32mm F3.5-5.6 ASPH. MEGA O.I.S.	**36046** P1232-Z			**36165** N85 Power Zoom Macro Port 29	**83250** M67 to Bayonet Mount Converter II	**83202** VML-2	Lens FOV Converted FOV Zoom Range 75.57° 139-54° 12-32mm
						83203 VML-3	Lens FOV Converted FOV 84.57° 150-53°
Panasonic LUMIX G X Vario 12-35mm F2.8 II ASPH. POWER O.I.S.	**36148** P1235-Z			**36133** N85 F Acrylic Wide-Angle Port			
		36064 N85 to M.58 24.7mm Port Adaptor • *these setups are not compatible with NA-EM10*		**83256** M.58/N100 MACF - 18			Lens FOV Converted FOV Zoom Range 75.52° 139-55° 14-35mm
		• *with SMC DA-M1740 (4 rewards, older version SH001 can be upgraded using hub mechanism H001)*					
	36148 + 36042 P1235-Z + P1250-F	**36052** N85 to M.58 4.5mm Port Adaptor with Zoom Knob • *ZADO7148 eminently for NA-EM10*	**22120** M.58 Extension Ring 20 II	**18909** 180mm Optical Glass Wide-Angle Port			
				36144 N85 F Acrylic Wide-Angle Port with Focus Knob			Lens FOV Converted FOV Zoom Range 75.49° 139-58° 14-35mm
				83256 M.58/N100 MACF - 18			
				18909 180mm Optical Glass Wide-Angle Port			
Panasonic LEICA DG 10MM ELMARIT 12-60mm F2.8-4.0 ASPH. POWER O.I.S.	**36058** PL1260-Z			**36129** M67 T Acrylic Dome Port			
Panasonic LUMIX G Vario 14-42mm f3.5-5.6 ASPH. MEGA O.I.S.	**36141** P1442-Z			**36137** N85 F 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 **81208** M67 Spacer Ring for SMC/CMC *(included in all SMC/CMC packaging)*	**81301** CMC-1	Max. Magnification 0.79 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 0.63 Working Distance 77-122mm
Panasonic LUMIX G Vario PZ 14-42mm F3.5-5.6 ASPH. POWER O.I.S.	**36061** P1442PZ-Z *XS0202GE onwards only*			**36165** N85 Power Zoom Macro Port 29	**83250** M67 to Bayonet Mount Converter II	**83202** VML-2	Lens FOV Converted FOV Zoom Range 75.29° 139-50° 14-42mm
					SMC/CMC Option 1 - M67 Thread **81208** M67 Spacer Ring for SMC/CMC *(included in all SMC/CMC packaging)*	**81301** CMC-1	Max. Magnification 0.79 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 0.63 Working Distance 77-122mm
Panasonic LUMIX G Vario 14-42mm F3.5-5.6 ASPH. POWER O.I.S.	**36053** P1442S-Z			**36137** N85 F Acrylic Wide-Angle Port			
Olympus M.ZUIKO DIGITAL ED 7-14mm f2.8 PRO	**36054 + 36055** G7142-Z + G7144-F	**36401** N85 to M.58 35mm Port Adaptor with Lens Control Knob • *ZADO7021 onwards for NA-EM10* • *This setup is only compatible with: with SMC DA-M1740 (4 rewards, older version SH001 can be upgraded using hub mechanism H001)*		**18909** 180mm Optical Glass Wide-Angle Port • *slight vignetting at 7mm (max shooting RAW on JUHO)*			
Olympus M.ZUIKO DIGITAL ED 8-25mm f4 PRO	**36071** S8252	**36401** N85 to M.58 35mm Port Adaptor with Lens Control Knob • *ZADO7021 onwards for NA-EM10* • *This setup is only compatible with: with SMC DA-M1740 (4 rewards, older version SH001 can be upgraded using hub mechanism H001)*	**22140** M.58 Extension Ring 40 II	**18909** 180mm Optical Glass Wide-Angle Port			
			22120 M.58 Extension Ring 20 II	**83256** M.58/N100 MACF - 18			Lens FOV Converted FOV Zoom Range 75.43° 150-61° 14-25mm
		36064 N85 to M.58 24.7mm Port Adaptor • *these setups are not compatible with NA-EM10*	**22160** M.58 Extension Ring 60 II	**18909** 180mm Optical Glass Wide-Angle Port			
			22140 M.58 Extension Ring 40 II	**83256** M.58/N100 MACF - 18			Lens FOV Converted FOV Zoom Range 75.43° 150-61° 14-25mm
Olympus M.ZUIKO DIGITAL ED 9-18mm f4-5.6	**36143** G9182-Z			**36137** N85 F Acrylic Wide-Angle Port			
		36052 N85 to M.58 4.5mm Port Adaptor with Zoom Knob • *ZADO7148 eminently for NA-EM10*	**22120** M.58 Extension Ring 20 II	**18909** 180mm Optical Glass Wide-Angle Port			
		36401 N85 to M.58 35mm Port Adaptor with Lens Control Knob • *ZADO7148 eminently for NA-EM10* • *This setup is only compatible with: with SMC DA-M1740 (4 rewards, older version SH001 can be upgraded using hub mechanism H001)*		**18909** 180mm Optical Glass Wide-Angle Port			
Olympus M.ZUIKO DIGITAL ED 7-14mm f2.8 PRO	**36143** G7142-Z			**36137** N85 F Acrylic Wide-Angle Port			
Panasonic LUMIX G Vario 14-42mm F3.5-5.6 ASPH. MEGA O.I.S.	**36053** P1442-Z			**36137** N85 F Acrylic Wide-Angle Port			
Olympus M.ZUIKO DIGITAL ED 12mm f2.0				**36122** N85 F 0.5" Acrylic Fisheye Dome Port • *this setup is not compatible with NA-EM10*			
			36630 N85 Extension Ring 30	**36648** N85 T 0.5" Fisheye Optical Glass Fisheye Port			
				36146 N85 Pancake Port 24 • *This setup is only compatible with: SMC DA-M1740 (4 rewards, older version SH001 can be upgraded using hub mechanism H001)* • *M.ZUIKO 12mm f2.0 for NA-EM10*	**83250** M67 to Bayonet Mount Converter II	**83203** VML-3	Lens FOV Converted FOV 84° 150°
				36148 N85 Pancake Port 24 • *This setup is only compatible with: SH100 SR-HA1/7535 onwards*			
Panasonic LUMIX G Vario 7-14mm F4.0 ASPH.	**36044** H-F14-Z			**36133** N85 F Acrylic Wide-Angle Port			
	36044 + 36043 H-F14-Z + H-F044			**36144** N85 F Acrylic Wide-Angle Port with Focus Knob			
		36052 N85 to M.58 4.5mm Port Adaptor with Zoom Knob • *ZADO7148 eminently for NA-EM10*		**18909** 180mm Optical Glass Wide-Angle Port • *slight vignetting at 14mm (max shooting RAW on JUHO)*			
Panasonic LEICA DG VARIO-ELMARIT 8-18mm F2.8-4.0 ASPH.	**36062** P1018-Z **36062 + 36063** P1018-Z + PL018-F	**36401** N85 to M.58 35mm Port Adaptor with Lens Control Knob • *ZADO7148 eminently for NA-EM10* • *This setup is only compatible with: with SMC DA-M1740 (4 rewards, older version SH001 can be upgraded using hub mechanism H001)*	**22120** M.58 Extension Ring 20 II	**36129** M67 T Acrylic Dome Port **18909** 180mm Optical Glass Wide-Angle Port			
Olympus M.Zuiko Digital ED 8mm f1.8 Fisheye PRO	**36056** OLY		**36617** N85 Extension Ring 17	**36648** N85 T 0.5" Fisheye Optical Glass Fisheye Port			
Panasonic LUMIX G FISHEYE 8mm F3.5	**36041** H-F		**36630** N85 Extension Ring 30	**36132** N85 A 0.5" Acrylic Fisheye Dome Port			
				36648 N85 T 0.5" Fisheye Optical Glass Fisheye Port • *M67 T attaching to X-T (square ratio)*			
				36132 N85 A 0.5" Acrylic Fisheye Dome Port			
CAMS (4/3 MOUNT)	**Canon EF-mount Lenses with Metabones T Speed Booster Ultra 0.71X Adaptor**	**36064** N85 to M.58 24.7mm Port Adaptor • *this setup is only compatible with: with SH240 SR-A2190/7 onwards, older version SH001 can be upgraded using hub mechanism H001*		**N120 Canon EF-Mount Port System** • *this setup is not compatible with NA-EM10*			

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 : 2025-10-24

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