



# 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
Olympus M.Zuiko Digital ED 30mm F2.8 Macro				36135 N85 Macro Port 45	83250 M67 to Bayonet Mount Converter II (included in all M67-1 packaging)	86201 MWL-1	Lens FOV Converted FOV 39° 150°
Olympus M.Zuiko Digital ED 60mm F2.8 Macro	36149 D60 F			36143 N85 Macro Port 65	SMC/CMC Option 1 - M67 Thread M67 Spacer Ring for SMC/CMC (included in all SMC/CMC packaging) SMC/CMC Option 2 - Bayonet Mount 83250 + 83214 M67 to Bayonet Mount Converter II + Bayonet Mount Adaptor for SMC/CMC	81301 CMC-1 81302 CMC-2	Max. Magnification Working Distance 2.0X 22-70mm Max. Magnification Working Distance 1.7X 33-122mm
Panasonic Lumix G Macro 30mm F2.8 ASPH. MEGA O.I.S.			36620 N85 Extension Ring 20	36135 N85 Macro Port 45	83250 M67 to Bayonet Mount Converter II	87301 EMWL Set #1	Lens FOV Converted FOV 20° 60°/100°/130°/160°
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 M67 Spacer Ring for SMC/CMC (included in all SMC/CMC packaging) SMC/CMC Option 2 - Bayonet Mount 83250 + 83214 M67 to Bayonet Mount Converter II + Bayonet Mount Adaptor for SMC/CMC	81301 CMC-1 81302 CMC-2	Max. Magnification Working Distance 1.6X 17-73mm Max. Magnification Working Distance 1.4X 23-124mm
Loowa 24mm F/14.2 Macro Probe *with Metabones T Speed Booster Ultra 0.71X Adapter or NA-GHS Housing	19155 N120 DSLR Gear Set	36064 N85 to N120 34.7mm Port Adaptor	22170 + 22171 N120 Extension Ring 70 II + Focus Knob	16336 N120 Port Adaptor for Loowa 24mm F/14.2 Macro Probe		87303 EMWL Set #3	Lens FOV Converted FOV 20° 60°/100°/130°/160°
OM System M.Zuiko Digital ED 90mm F2.8 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	SMC/CMC Option 1 - M67 Thread M67 Spacer Ring for SMC/CMC (included in all SMC/CMC packaging) SMC/CMC Option 2 - Bayonet Mount 83250 + 83214 M67 to Bayonet Mount Converter II + Bayonet Mount Adaptor for SMC/CMC	81301 CMC-1 81302 CMC-2 81201 SMC-1	Max. Magnification Working Distance 1.1X 103mm-∞ 2.2X 24-70mm Max. Magnification Working Distance 1.9X 37-123mm Max. Magnification Working Distance 1.8X 35-99mm
OM System M.Zuiko Digital ED 90mm F2.8 Macro IS PRO 2.0x Teleconverter	36072 O90 F * Focus Knob is included in packaging			36169 N85 Macro Port 120 with Focus Limit Switch Selector	SMC/CMC Option 1 - M67 Thread M67 Spacer Ring for SMC/CMC (included in all SMC/CMC packaging) SMC/CMC Option 2 - Bayonet Mount 83250 + 83214 M67 to Bayonet Mount Converter II + Bayonet Mount Adaptor for SMC/CMC	81301 CMC-1 81302 CMC-2 81201 SMC-1	Max. Magnification Working Distance 2.2X 73-500mm Max. Magnification Working Distance 3.5X 15-55mm Max. Magnification Working Distance 2.9X 25-87mm Max. Magnification Working Distance 2.9X 16-73mm
OM System M.Zuiko Digital ED 90mm F2.8 Macro IS PRO with M.Zuiko Digital MC-20 1.4x Teleconverter	36072 O90 F * Focus Knob is included in packaging		36625 N85 Extension Ring 26	36169 N85 Macro Port 120 with Focus Limit Switch Selector			Max. Magnification Working Distance 2.2X 103mm-∞ optical performance at Normal Macro mode Max. Magnification Working Distance 4.3X 73-500mm optical performance at S-Macro mode
OM System M.Zuiko Digital ED 90mm F2.8 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 manual focus is not supported			Max. Magnification Working Distance 1.5X 103mm-∞ optical performance at Normal Macro mode Max. Magnification Working Distance 2.9X 73-500mm optical performance at S-Macro mode
Olympus M.ZUIKO DIGITAL ED 12-40mm F2.8 PRO	36045 01240 Z 36045 + 36065 01240 Z + 01240 F	36401 N85 to N120 55mm Port Adaptor with Lens Control Knob * SN39297 onwards for NA-EM1X	36052 N85 to N120 47mm Port Adaptor with Zoom Knob * SN39718 onwards for NA-EM1X	36129 N85 5° Acrylic Dome Port 85206 N120/N100 WACP-1B 85201 N120 WACP-1 18899 180mm Optical Glass Wide Angle Port			Lens FOV Converted FOV Zoom Range 75-45° 130-48° 14-26mm Lens FOV Converted FOV Zoom Range 75-38° 130-57° 14-32mm
Olympus M.ZUIKO DIGITAL ED 12-45mm F4 PRO	36069 01245 Z	36401 N85 to N120 55mm Port Adaptor with Lens Control Knob * SN39297 onwards for NA-EM1X	36620 + 36620 N85 Extension Ring 20 + N85 Extension Ring 20	36129 N85 5° Acrylic Dome Port 85206 N120/N100 WACP-1B 85201 N120 WACP-1 18899 180mm Optical Glass Wide Angle Port	81301 CMC-1 81302 CMC-2		Max. Magnification Working Distance 0.7X 24-74mm Max. Magnification Working Distance 0.5X 39-130mm
Olympus M.Zuiko Digital ED 12-50mm F3.5-6.3 EZ	36147 01250 Z 36039 01250 Z for NA-GHS & NA-EM1X	36052 N85 to N120 47mm Port Adaptor with Zoom Knob * SN39297 onwards for NA-EM1X		36137 N85 4° Acrylic Wide Angle Port 36161 N85 Macro Port with M77 Thread * 30162 Clear Set for NA-EM1 83251 + 83214 M67 to Bayonet Mount Converter II + Bayonet Mount Adaptor for SMC/CMC	86201 MWL-1 81301 CMC-1 81302 CMC-2	Lens FOV Converted FOV Zoom Range 39-34° 150-71° 30-50mm Lens FOV Converted FOV Zoom Range 72-24° 110-37° 14-50mm Max. Magnification Working Distance 0.8X 14-61mm Max. Magnification Working Distance 0.7X 24-95mm	
Olympus M.Zuiko Digital 14-42mm F3.5-5.6 II R	36143 01442 Z			36137 N85 4° Acrylic Wide Angle Port 36136 N85 Macro Port 56 SMC/CMC Option 1 - M67 Thread M67 Spacer Ring for SMC/CMC (included in all SMC/CMC packaging) SMC/CMC Option 2 - Bayonet Mount 83250 + 83214 M67 to Bayonet Mount Converter II + Bayonet Mount Adaptor for SMC/CMC 83250 M67 to Bayonet Mount Converter II	81301 CMC-1 81302 CMC-2 82202 WWL-1B	Max. Magnification Working Distance 0.8X 41-76mm Max. Magnification Working Distance 0.6X 63-130mm Lens FOV Converted FOV 75-29° 130-50°	
Olympus M.Zuiko Digital 14-42mm F3.5-5.6 EZ	36047 01442Z Z			36166 N85 Macro Port 56 with Focus Knob 36165 N85 Power Zoom Macro Port 29 SMC/CMC Option 1 - M67 Thread M67 Spacer Ring for SMC/CMC (included in all SMC/CMC packaging) SMC/CMC Option 2 - Bayonet Mount 83250 + 83214 M67 to Bayonet Mount Converter II + Bayonet Mount Adaptor for SMC/CMC 83250 M67 to Bayonet Mount Converter II	83202 WWL-1B 81301 CMC-1 81302 CMC-2 82202 WWL-1B	Lens FOV Converted FOV Zoom Range 75-29° 130-50° Max. Magnification Working Distance 0.8X 41-76mm Max. Magnification Working Distance 0.6X 63-130mm Lens FOV Converted FOV Zoom Range 75-29° 130-50°	
Panasonic LUMIX G VARIO 12-35mm F2.8 ASPH. MEGA O.I.S.	36046 P123Z-2			36165 N85 6° Acrylic Wide Angle Port with Focus Knob 85206 N120/N100 WACP-1B 85201 N120 WACP-1 18899 180mm Optical Glass Wide Angle Port			Lens FOV Converted FOV Zoom Range 75-52° 130-90° 14-22mm Lens FOV Converted FOV Zoom Range 75-49° 130-90° 14-30mm
Panasonic LUMIX G X Vario 12-35mm F2.8 II ASPH. POWER O.I.S.	36148 + 36042 P123Z-2 + P1235 F	36052 N85 to N120 47mm Port Adaptor with Zoom Knob * SN39297 onwards for NA-EM1X		36164 N85 6° Acrylic Wide Angle Port with Focus Knob 85206 N120/N100 WACP-1B 85201 N120 WACP-1 18899 180mm Optical Glass Wide Angle Port			Lens FOV Converted FOV Zoom Range 75-49° 130-90° 14-22mm Lens FOV Converted FOV Zoom Range 75-29° 130-50°
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 * SN39297 onwards for NA-EM1X		36129 N85 5° Acrylic Dome Port 18899 180mm Optical Glass Wide Angle Port			Max. Magnification Working Distance 0.7X 49-72mm Max. Magnification Working Distance 0.6X 77-122mm Lens FOV Converted FOV Zoom Range 75-29° 130-50°
Panasonic LUMIX G Vario 14-42mm F3.5-5.6 ASPH. MEGA O.I.S.	36141 P1442N Z			36137 N85 4° Acrylic Wide Angle Port 36139 N85 Flat Port 35 SMC/CMC Option 1 - M67 Thread M67 Spacer Ring for SMC/CMC (included in all SMC/CMC packaging) SMC/CMC Option 2 - Bayonet Mount 83250 + 83214 M67 to Bayonet Mount Converter II + Bayonet Mount Adaptor for SMC/CMC 83250 M67 to Bayonet Mount Converter II	81301 CMC-1 81302 CMC-2 82202 WWL-1B	Max. Magnification Working Distance 0.7X 49-72mm Max. Magnification Working Distance 0.6X 77-122mm Lens FOV Converted FOV Zoom Range 75-29° 130-50°	
Panasonic LUMIX G Vario PZ 14-42mm F3.5-5.6 ASPH. POWER O.I.S.	36061 P1442N PZ * SN39297 onwards only			36165 N85 Power Zoom Macro Port 29 SMC/CMC Option 1 - M67 Thread M67 Spacer Ring for SMC/CMC (included in all SMC/CMC packaging) SMC/CMC Option 2 - Bayonet Mount 83250 + 83214 M67 to Bayonet Mount Converter II + Bayonet Mount Adaptor for SMC/CMC 83250 M67 to Bayonet Mount Converter II	81301 CMC-1 81302 CMC-2 82202 WWL-1B	Max. Magnification Working Distance 0.7X 49-72mm Max. Magnification Working Distance 0.6X 77-122mm Lens FOV Converted FOV Zoom Range 75-29° 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 18899 180mm Optical Glass Wide Angle Port			Max. Magnification Working Distance 0.7X 49-72mm Max. Magnification Working Distance 0.6X 77-122mm Lens FOV Converted FOV Zoom Range 75-29° 130-50°
Olympus M.ZUIKO DIGITAL ED 7-14mm F2.8 PRO	36054 + 36055 0714 Z + 0714 F	36401 N85 to N120 55mm Port Adaptor with Lens Control Knob * SN39297 onwards for NA-EM1X		18899 180mm Optical Glass Wide Angle Port slight vignetting at 7mm when shooting RAW on GH5S			Max. Magnification Working Distance 0.7X 49-72mm Max. Magnification Working Distance 0.6X 77-122mm Lens FOV Converted FOV Zoom Range 75-29° 130-50°
Olympus M.ZUIKO DIGITAL ED 8-25mm F4 PRO	36071 0825 Z	36401 N85 to N120 55mm Port Adaptor with Lens Control Knob * SN39297 onwards for NA-EM1X	22140 N120 Extension Ring 40 II 22120 N120 Extension Ring 20 II	18899 180mm Optical Glass Wide Angle Port 85206 N120/N100 WACP-1B 85201 N120 WACP-1	81301 CMC-1 81302 CMC-2	Max. Magnification Working Distance 0.7X 49-72mm Max. Magnification Working Distance 0.6X 77-122mm Lens FOV Converted FOV Zoom Range 75-47° 130-81° 14-25mm	
Olympus M.ZUIKO DIGITAL ED 9-18mm F4-5.6	36143 0918 Z	36401 N85 to N120 55mm Port Adaptor with Lens Control Knob * SN39297 onwards for NA-EM1X	22160 N120 Extension Ring 60 II 22140 N120 Extension Ring 40 II * these setups are not compatible with NA-EM1X	18899 180mm Optical Glass Wide Angle Port 85206 N120/N100 WACP-1B 85201 N120 WACP-1	81301 CMC-1 81302 CMC-2	Max. Magnification Working Distance 0.7X 49-72mm Max. Magnification Working Distance 0.6X 77-122mm Lens FOV Converted FOV Zoom Range 75-47° 130-81° 14-25mm	
Olympus M.ZUIKO DIGITAL ED 12mm F2.0				36137 N85 4.33° Acrylic Fisheye Dome Port * this setup is not compatible with NA-EM1X 36048 N85 140mm Optical Glass Fisheye Port 36168 N85 Pancake Port 24 83203 WWL-C		Max. Magnification Working Distance 84° 130°	
Panasonic LUMIX G Vario 7-14mm F4.0 ASPH.	36044 P714 Z + P714 F	36052 N85 to N120 47mm Port Adaptor with Zoom Knob * SN39297 onwards for NA-EM1X		36133 N85 6° Acrylic Wide Angle Port 36164 N85 6° Acrylic Wide Angle Port with Focus Knob 18899 180mm Optical Glass Wide Angle Port slight vignetting at 7mm when shooting RAW on GH5S		Max. Magnification Working Distance 84° 130°	
Panasonic LEICA DG VARIO-ELMARIT 8-18mm F2.8-4.0 ASPH.	36062 PL818 Z 36062 + 36063 PL818 Z + PL818 F	36401 N85 to N120 55mm Port Adaptor with Lens Control Knob * SN39297 onwards for NA-EM1X	22120 N120 Extension Ring 20 II	18899 180mm Optical Glass Wide Angle Port			
Olympus M.Zuiko Digital ED 8mm F1.8 Fisheye PRO	36056 08 F		36617 N85 Extension Ring 17	36048 N85 140mm Optical Glass Fisheye Port			
Panasonic LUMIX G FISHEYE 8mm F3.5	36041 P8 F		36620 N85 Extension Ring 20	36132 N85 4.33° Acrylic Fisheye Dome Port 36048 N85 140mm Optical Glass Fisheye Port slight vignetting in 4:3 aspect ratio			
Panasonic LUMIX G Vario PZ 14-42mm F3.5-5.6 ASPH. MEGA O.I.S. with DMW-GFC1 for G Series	36146 P1442N PZ * SN39297 onwards for NA-GHS		36630 N85 Extension Ring 30	36132 N85 4.33° Acrylic Fisheye Dome Port			
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 * 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