



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 M67 to Bayonet Mount Converter II <i>(included in all MWL-1 packaging)</i> | 86201 MWL - 1 | Lens FOV Converted FOV | 39° 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 <i>(included in all SMC/CMC packaging)</i> | 81301 CMC - 1 | Max. Magnification Working Distance | 2.0X 22-70mm |
| | | | | | | 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 Working Distance | 2.0X 22-70mm |
| | | | | | | 83250 M67 to Bayonet Mount Converter II | 87301 EMWL Set #1 | Lens FOV Converted FOV | 20° 60°/100°/130°/160° |
| | | | | 36620 N85 Extension Ring 20 | 36135 N85 Macro Port 45 | 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 Working Distance | 2.0X 22-70mm |
| | | | | | | 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 Working Distance | 2.0X 22-70mm |
| | | | | | | 83250 M67 to Bayonet Mount Converter II | 87301 EMWL Set #1 | Lens FOV Converted FOV | 20° 60°/100°/130°/160° |
| | | | | | | SMC/CMC Option 1 - M67 Thread 81228 M67 Spacer Ring for SMC/CMC <i>(included in all SMC/CMC packaging)</i> | 81302 CMC - 2 | Max. Magnification Working Distance | 1.7X 33-122mm |
| | | | | | | 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 Working Distance | 1.7X 33-122mm |
| | | | | | | 83250 M67 to Bayonet Mount Converter II | 87301 EMWL Set #1 | Lens FOV Converted FOV | 20° 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 <i>(included in all MWL-1 packaging)</i> | 86201 MWL - 1 | Lens FOV Converted FOV | 39° 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 <i>(included in all SMC/CMC packaging)</i> | 81301 CMC - 1 | Max. Magnification Working Distance | 1.6X 17-73mm |
| | | | | | | 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 Working Distance | 1.6X 17-73mm |
| | | | | | | 83250 M67 to Bayonet Mount Converter II | 87303 EMWL Set #3 | Lens FOV Converted FOV | 20° 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> | 19155 N120 DSLR Gear Set | 36064 N85 to N120 34.7mm Port Adaptor | 21271 / 22170 + 22171 N120 Extension Ring 70 I / II + Focus Knob | 16336 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



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|------------------------------|--|---|--|--|---|---|--|---|--|---|
| 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> | 21120 / 22120 N120 Extension Ring 20 I / 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> | | 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 | Max. Magnification 0.5X Working Distance 39-130mm | |
| | | | | | | 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 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 | 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 & 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 | |
| | | | | | 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 | Lens FOV 72-24° Converted FOV 110-37° Zoom Range 14-50mm | | |

**Please refer to the following page
for more setup options*

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.
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|---|--|--|--|---|--|---|------------------|--|
| STANDARD ZOOM FOUR THIRDS | Olympus M.Zuiko Digital ED 12-50mm f/3.5-6.3 EZ | 36147 O1250-Z <i>*36059 O1250-Z for NA-GH5 & 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 | | |
| | Olympus M.Zuiko Digital 14-42mm f/3.5-5.6 II R | 36143 O1442-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 | | |
| | | | | | 36136 N85 Macro Port 56 | 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 0.8X 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 |
| | | | | | | | 81301 CMC - 1 | Max. Magnification 0.8X Working Distance 41-76mm |
| | | | | | | | 81302 CMC - 2 | Max. Magnification 0.6X Working Distance 63-130mm |
| | 36143 + 36067 O1442-Z + O1442-F | 36166 N85 Macro Port 56 with Focus Knob | 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° <i>* zoom range for BMPCC II</i> | | | |
| | 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 | 1 83201 WWL - 1 | Lens FOV 75-29° Converted FOV 130-50° | | |
| | | | | | 83202 WWL - 1B | Lens FOV 75-29° Converted FOV 130-50° <i>* zoom range for BMPCC II</i> | | |
| 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 0.8X 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 | | |

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.
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| STANDARD ZOOM FOUR THIRDS | 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 | | 1 83201 WWL - 1 | Lens FOV 75-37° Converted FOV 130-64° Zoom Range 13-32mm | |
| | | | | | 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 | | 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 | |
| | | 36148 + 36042 P1235-Z + P1235-F | | 36052 N85 to N120 47mm Port Adaptor with Zoom Knob <i>* SN297188 onwards for NA-EM1X</i> | 21120 / 22120 N120 Extension Ring 20 I / II | 36164 N85 6" Acrylic Wide Angle Port with Focus Knob | 85201 N120 WACP - 1 <i>* this setup is not compatible with NA-EM1X</i> | | Lens FOV 75-40° Converted FOV 130-69° Zoom Range 14-30mm |
| Panasonic LEICA DG VARIO-ELMARIT 12-60mm F2.8-4.0 ASPH. POWER O.I.S. | 36058 PL1260-Z | | 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 | | |
| | 36058 + 36068 PL1260-Z + PL1260-F | | | | | | | | |
| Panasonic LUMIX G 14mm / F2.5 ASPH | | | | | 36131 N85 3.5" Acrylic Wide Angle Port | | 1 83201 WWL - 1 | Lens FOV 75° Converted FOV 130° | |
| | | | | | 36151 N85 Pancake Port | 83250 M67 to Bayonet Mount Converter II | | 83202 WWL - 1B | Lens FOV 75° Converted FOV 130° |
| 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 | 81302 CMC - 2 | Max. Magnification 0.6X Working Distance 80-120mm | |
| | | | | | | | 81301 CMC - 1 | Max. Magnification 0.7X Working Distance 50-70mm | |
| | | | | | | | 81302 CMC - 2 | Max. Magnification 0.6X Working Distance 80-120mm | |

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|------------------------------|--|---|---|--|--|--|--|--|--|
| STANDARD ZOOM FOUR THIRDS | 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 | Max. Magnification 0.6X Working Distance 77-122mm | |
| | | | | | | 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 | Max. Magnification 0.6X Working Distance 80-120mm | |
| | | | | | | 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° | |
| 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 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 | Max. Magnification 0.6X Working Distance 77-122mm | |
| | | | | | | 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 | Max. Magnification 0.6X Working Distance 80-120mm | |
| | | | | | | 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° | |
| STANDARD ZOOM FOUR THIRDS | 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 | |
| | | | | | | | 81302 CMC - 2 | Max. Magnification 0.6X Working Distance 60-130mm | |
| | | | | | | 36121 N85 Flat Port 72 | 25104 + 81222 M67 Flip Diopter Holder + M67 Adaptor Ring | 81301 CMC - 1 | Max. Magnification 0.8X Working Distance 40-75mm |
| | | | | | | | | 81302 CMC - 2 | Max. Magnification 0.6X Working Distance 60-130mm |
| 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 | | | | |
| | | | | | | | | | |
| WIDE ANGLE FOUR THIRDS | 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> | 21140 / 22140 N120 Extension Ring 40 I / II | 18809 180mm Optical Glass Wide Angle Port | | | | |
| | | | | 21120 / 22120 N120 Extension Ring 20 I / II | | * 85201 N120 WACP - 1 | Lens FOV 75-47° Converted FOV 130-81° Zoom Range 14-25mm | | |

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| WIDE ANGLE FOUR THIRDS | Olympus M.ZUIKO DIGITAL ED 8-25mm f4 PRO | 36071 O825-Z | 36064 N85 to N120 34.7mm Port Adaptor | 21160 / 22160 N120 Extension Ring 60 I / II 21140 / 22140 N120 Extension Ring 40 I / II | 18809 180mm Optical Glass Wide Angle Port * 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 |
| | Olympus M.ZUIKO DIGITAL ED 9-18mm f/4-5.6 | 36143 O918-Z | 36052 N85 to N120 47mm Port Adaptor with Zoom Knob <i>* SN297188 onwards for NA-EM1X</i> 36401 N85 to N120 55mm Port Adaptor with Lens Control Knob <i>* SN393297 onwards for NA-EM1X</i> | 21120 / 22120 N120 Extension Ring 20 I / II | 36137 N85 4" Acrylic Wide Angle Port * 18809 180mm Optical Glass Wide Angle Port | |
| | 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 | |
| | Panasonic LUMIX G Vario 7-14mm F4.0 ASPH. | 36044 P714-Z 36044 + 36043 P714-Z + P714-F | | | 36133 N85 6" Acrylic Wide Angle Port 36164 N85 6" Acrylic Wide Angle Port with Focus Knob * 18809 180mm Optical Glass Wide Angle Port | |
| | 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 <i>* SN393297 onwards for NA-EM1X</i> | 21120 / 22120 N120 Extension Ring 20 I / II | 36129 N85 7" Acrylic Dome Port * 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 36620 N85 Extension Ring 20 | * 36048 N85 140mm Optical Glass Fisheye Port 36132 N85 4.33" Acrylic Fisheye Dome Port | |

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|------------------------|--|---|---|--------------------------------|--|
| FISHEYE FOUR THIRDS | 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> |

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* Secondary setup recommendation based on optical performance