



## N85 PORT SYSTEM FOR SONY E-MOUNT CAMERA SYSTEM ( APS-C & Full Frame Format Lens )

|                       | CAMERA LENS   | GEAR | PORT ADAPTOR    | EXTENSION RING   | PORT  | MOUNT CONVERTER  | WET LENS  | OPTICAL PERFORMANCE   |
|-----------------------|---|------|-----------------|--|---|--|---|---|
| MACRO<br>APSC         | Sony E 30mm f/3.5 Macro   |      | 36171 SE30-F    |  | 36135 N85 Macro Port 45<br>36128 N85 Macro Port 45 with Focus Knob  |  |   |   |
|                       | ZEISS Touit 50mm f/2.8M Macro                                     |      |                 | 36630 N85 Extension Ring 30  | 36135 N85 Macro Port 45   | SMC/CMC Option 1 - M67 Thread<br>81228 M67 Spacer Ring for SMC/CMC (included in all SMC/CMC packaging)<br>SMC/CMC Option 2 - Bayonet Mount<br>83250 + 83214 M67 to Bayonet Mount Converter II + Bayonet Mount Adaptor for SMC/CMC<br>83250 M67 to Bayonet Mount Converter II (included in all MWL-1 packaging) | 81301 CMC - 1<br>81302 CMC - 2<br>86201 MWL - 1                     | Max. Magnification 1.3X<br>Working Distance 17-75mm<br>Max. Magnification 1.0X<br>Working Distance 30-130mm<br>Lens FOV 31°<br>Converted FOV 116°   |
| MACRO<br>FULL FRAME   | Sony FE 50mm f/2.8 Macro  |      |                 | 36207 N85 to N120 50mm Port Adaptor II with Knob   | 18704 Macro Port 41   | 83250 + 83214 M67 to Bayonet Mount Converter II + Bayonet Mount Adaptor for SMC/CMC  | 81301 CMC - 1<br>81302 CMC - 2                                      | Max. Magnification 1.4X<br>Working Distance 6-73mm<br>Max. Magnification 1.3X<br>Working Distance 12-125mm  |
|                       | Sony FE 90mm f/2.8 Macro G OSS                                    |      |                 | 36204 N85 to N120 60mm Port Adaptor II<br>36175 SFE90-F<br>36205 N85 to N100 65mm Port Adaptor | 18701 Macro Port 60<br>37123 N100 Macro Port 55<br><i>* this setup is only compatible with 37123 after SN:A175724 09/2016</i>   | SMC/CMC Option 1 - M67 Thread<br>81228 M67 Spacer Ring for SMC/CMC (included in all SMC/CMC packaging)<br>SMC/CMC Option 2 - Bayonet Mount<br>83250 + 83214 M67 to Bayonet Mount Converter II + Bayonet Mount Adaptor for SMC/CMC  | 81201 SMC - 1<br>81202 SMC - 2                                      | Max. Magnification 2.1X<br>Working Distance 45-93mm<br>Max. Magnification 2.9X<br>Working Distance 23-39mm  |
| STANDARD ZOOM<br>APSC | Sony E PZ 16-50mm f/3.5-5.6 OSS                                   |      | 36172 SE1650-PZ |  | 36228 N85 Macro Port 40 with Knob   | SMC/CMC Option 1 - M67 Thread<br>81228 M67 Spacer Ring for SMC/CMC (included in all SMC/CMC packaging)<br>SMC/CMC Option 2 - Bayonet Mount<br>83250 + 83214 M67 to Bayonet Mount Converter II + Bayonet Mount Adaptor for SMC/CMC<br>83250 M67 to Bayonet Mount Converter II                                   | 81301 CMC - 1<br>81302 CMC - 2<br>83203 WWL - C<br>* 83202 WWL - 1B | Max. Magnification 0.9X<br>Working Distance 46-74mm<br>Max. Magnification 0.7X<br>Working Distance 69-121mm<br>Lens FOV 80-31°<br>Converted FOV 124-48°<br>Zoom Range 17-50mm<br>Lens FOV 75-31°<br>Converted FOV 130-54°<br>Zoom Range 19-50mm |
|                       | Sony Vario-Tessar T* E 16-70mm f/4 ZA OSS                         |      | 36174 SE1670-Z  |  | 36129 7" Acrylic Dome Port<br>36207 N85 to N120 50mm Port Adaptor II with Knob<br>22120 N120 Extension Ring 20 II<br>* 18809 180mm Optical Glass Wide Angle Port<br>18705 Macro Port 45                           | 83250 M67 to Bayonet Mount Converter II (included in all MWL-1 packaging)  | 86201 MWL - 1   | Lens FOV 83-23°<br>Converted FOV 100-82°<br>Zoom Range 50-60mm  |
|                       | Sony E 18-55mm f/3.5-5.6 OSS                                      |      | 36122 SE1855-PZ |  | 36137 4" Wide Angle Port  |  |   |   |
| WIDE ANGLE<br>APSC    | Sony E 10-18mm f/4 OSS  |      | 36173 SE1018-Z  |  | 36129 7" Acrylic Dome Port<br>* 18809 180mm Optical Glass Wide Angle Port<br>36204 N85 to N120 60mm Port Adaptor<br>36207 N85 to N120 50mm Port Adaptor II with Knob<br>18809 180mm Optical Glass Wide Angle Port |  |   |   |
|                       | Sony E 10-20mm f/4 PZ G   |      | 36176 SE1020-Z  |  | 36133 6" Acrylic Dome Port<br>18809 180mm Optical Glass Wide Angle Port<br><i>* this setup is only compatible with 18809 after SN:A561555</i>   |  |   |   |
|                       | Sony E 16mm f/2.8   |      |                 |  | 36126 E16 Pancake Port<br>* 36125 4.33" Acrylic Wide-angle Dome Port  |  |   |   |
|                       | Sony E 16mm f/2.8 with Sony Fisheye Converter VCL-ECF1 / VCL-ECU1 |      |                 |  | 36125 4.33" Acrylic Wide-angle Dome Port  |  |   |   |
|                       | ZEISS Touit 12mm f/2.8  |      |                 | 36204 N85 to N120 60mm Port Adaptor<br>36207 N85 to N120 50mm Port Adaptor II with Knob        | 18809 180mm Optical Glass Wide Angle Port   |  |   |   |
|                       | Sigma 19mm f/2.8 DN Art   |      |                 |  | 36135 N85 Macro Port 45   | 83250 M67 to Bayonet Mount Converter II  | 83202 WWL - 1B  | Lens FOV 73.5°<br>Converted FOV 127°  |

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