

Thank you for your purchasing SEA&SEA products. Please read this instruction manual carefully prior to using this product. Only with a thorough understanding of this manual's content will you be able to use the housing. After reading the manual, please be sure to keep it in a place where you can easily come back to it at any time.

Note:

The appearance of color evenness or weld lines on the external body of the product is normal and will not affect its performance.

Safety Precautions

Failure to heed the precautions listed below could result in serious consequences. To prevent injury or damage to yourself and/or others, please observe the precautions as they contain highly important information related to personal and product safety.



CAUTION

Situations that could result in property damage or personal injury.

CAUTION

- Unauthorized disassembling and/or modification could result in malfunction or flooding, and void product warranty. Take the product to a SEA&SEA authorized service center for repair or inspection.
- Do not open the product in a wet or sandy environment. Protect the interior from moisture and debris in order to prevent malfunction or flooding.
- Avoid strong shocks/impacts or excess stress to prevent malfunction, damage or breakdown. Make sure that the product has been securely mounted to other products in order to prevent injury, fall or missing.
- Do not carry the camera or housing by holding the accessories such as arm, cable, strobe, etc. Heavy components may fall and cause damage or injury.
- Do not leave the product in places with hot temperatures such as inside of a car or in a car trunk in summer.

- Do not store the product in wet or high humidity place, to avoid mold, rust, corrosion or malfunction.
- Do not store the product wet. Thoroughly dry the surface using a soft non-scratching cloth to prevent spot marks.
- SEA&SEA SUNPAK Co., Ltd. will not be responsible for the replacement or compensation for cameras, lenses or those accessories damaged due to your invalid operation.
- SEA&SEA SUNPAK Co., Ltd. assumes no liability for compensation of loss of captured image or expenses caused by loss of images, even if you are unable to shoot due to a product defect or malfunction.
- SEA&SEA SUNPAK Co., Ltd. assumes no liability for errors or discrepancies in this manual.

Precautions on Handling the O-ring

This product is kept watertight by the O-ring. To keep the O-ring functioning properly, please observe the following. Improper handling of the O-ring could cause flooding.

CAUTION

- SEA&SEA products use blue O-rings. These O-rings are impregnated with silicone oil through a special process. The lubricating effect of the O-ring lasts as long as the silicone oil is gradually seeping out from within.
- For the maintenance of these blue O-rings, make sure to use genuine SEA&SEA silicone grease (O-ring grease for use with the blue O-rings that comes in tubes with blue lettering and blue caps). If you use silicone grease from other companies or SEA&SEA's own silicone grease that comes in tubes with black lettering and black caps, the grease you apply will be

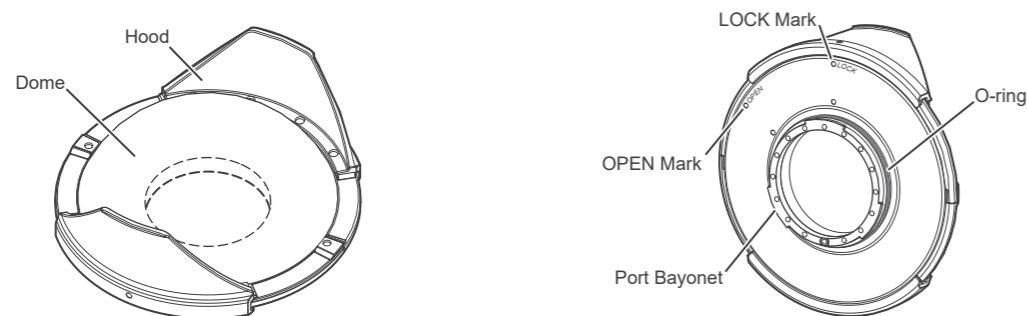
- sucked into the blue O-rings due to their special characteristics, which will result in insufficient grease. If this happens even once, the O-ring will not revert to its normal state and must be replaced.
- If the grease is insufficient, the O-ring will not slide, are it will become harder to open and close the waterproof parts. Because of this, it could become impossible to open or close the housing or it could cause flooding, so please refrain from using the housing with insufficient grease.

Maintenance and Storage

- The inside of the UDP 210 AR (#30201) dome is treated with an anti-reflective multi coating. Please use a lens cleaning cloth to clean the inner surface of the dome.
- Do not wipe the inner surface of the dome with excessive force. Doing so may damage the coating.
- If the anti-reflective multi coating is damaged or scratched, the coating cannot be repaired. It may be possible that the dome would need to be replaced.
- Never use chemicals, cosmetics, any petroleum solvents such as paint thinner, or neutral detergent on the product. They may deform and damage the product.
- After each use in salt water, make sure it's watertight, then soak it sufficiently in fresh water.
- Insufficient soaking causes damage by salt to the product. Salty residue may be left on the product where it will crystallize as it evaporates. Crystallized salt is hard to dissolve and difficult to be removed once

- formed, and it will result in water leakage.
- After rinsing, dry the product well with a soft dry cloth, then let the product dry in the shade, out of direct sunlight.
- Do not dry the product by heating (using a hair dryer, for example). Heating can deform and damage the product.
- If you will not use the product for an extended period of time, store it away from high temperatures, high humidity, direct sunlight, or extreme cold.
- Do not store the product with naphthalene or camphor mothballs, or in locations such as a laboratory where chemicals are used. This environment can cause mold, rust, corrosion or malfunction.
- After using the product, maintain the O-rings before storing. Examine the O-rings before and after each dive. We recommend early exchange of the O-rings, at least once a year.
- Every two years we recommend a complete overhaul of O-rings regardless of the frequency in use, for the best performance of the product.

Identification of Parts



Preparation for Installation

Maintaining the O-ring

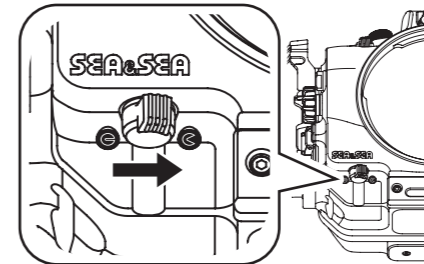
This product is kept watertight by the O-ring. To keep the O-ring functioning properly, please observe the following before setting up.

- Make sure to remove the O-ring when maintaining.
- Refer to O-ring maintenance manual for correct care and use of O-ring. www.seaandsea.jp
- The O-ring is a consumable item, and it generally lasts for one year. It is advisable to replace it early.

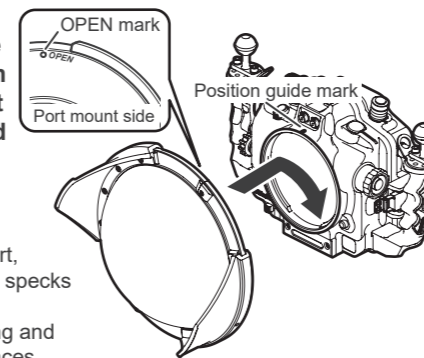
Attaching and Detaching the Port

Attaching

1. Make sure to remove the housing body cap when attaching the port.
 - Please refer to the instruction manual of the housing.
2. Turn the housing port lock dial in the OPEN direction until it clicks into place.



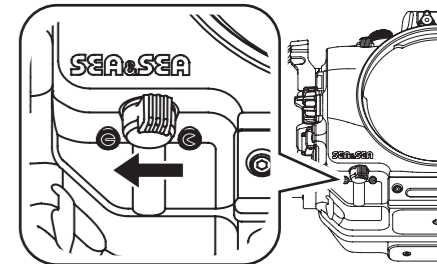
3. Align the positioning mark on the front case with the OPEN mark on the port, insert the port into the front case, and then rotate the port in a clockwise direction until it stops



- Before attaching the port, make sure there are no specks of dust, scratches, or deformities on the O-ring and the O-ring contact surfaces.

4. Make sure that the positioning mark on the front case and the LOCK mark on the port are aligned

5. Turn the housing port lock dial in the LOCK direction until it clicks into place.



Detaching

1. Set the port lock dial to the OPEN position.
2. Hold the front case firmly and rotate the port in a counterclockwise direction.

CAUTION

- Do not attempt to remove the port with the port lock in the LOCK position. Doing so could damage the quick shoe base.

Attaching and Detaching the Hood

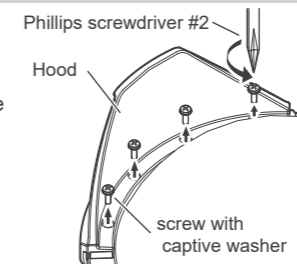
The hood can be removed as necessary. When it is used the following lens, Please detach the hood from the dome port.

* Please refer to our website (<http://www.seaandsea.jp>) for the latest information.

Detaching

1. Remove the screws on the Hood using a phillips screwdriver #2

- Please make sure not to lose the removed screws.



Attaching

1. Set the screws with captive washers on the Hood, then tighten up the screws with captive washers by using a phillips screwdriver #2

- Do not apply excessive force when tightening up the screws.
- Make sure the screws with captive washers are fixed without backlash.

CAUTION

- In order to prevent injury, damage, or malfunction, pay particular attention not to bump your fingers on the components inside the Dome when using the phillips screwdriver.

Mounting on a Non-Sea&Sea housing.

The product can be used with a Nauticam housing compatible with Nautican N120 ports by replacing the original bayonet with the accessory, NA bayonet. When used with a Nauticam housing, remove the original bayonet by loosening the eight screws. Then fix the NA bayonet by tightening the eight screws.

- Do not apply excessive force when tightening up the screws.
- Make sure the screws with captive washers are fixed without backlash.
- When mounting the dome port on non SEA&SEA housing, refer to the instruction manual for the housing.

Specifications

Construction	Body : Corrosion-resistant aluminium alloy, Dome : Special optical resin, Hood : ABS rein	Weight	Approx.1310g (46.2oz)
Depth rating	100m (328 feet)	Accessories	Instruction Manual • NA bayonet
Dimensions	Approx.φ250(DIA)×104(H)mm / 10×4.16 inches		

*Specifications and appearance are subject to change without notice.