

Thank you for your purchase of SEA&SEA product. For proper operation of the product and safe handling, please read the following instructions carefully before use. This manual should be retained for future reference.

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

● Carefully observe the instruction manual for the compatible lens for this product before use.

● This product includes an O-ring (divided into pieces) for interlocking the lens and the gear. In some cases, the interlocking may be too tight or loose when attaching the gear, due to deviation in the lens diameter.

① When too tight

Remove all the O-rings from the inside groove of the gear and cut them into half length. Place them back into the O-ring groove (spaced them in equal distance to provide even grip)

* Using force to attach the zoom gear to the camera lens may resulted on damaged to the lens.

② When too loose

Remove all the O-rings from the inside groove of the gear and replaced this with the optional O-ring as supplied with the gear unit. Cut this O-ring and replace this onto the O-ring groove (cut off the excess length to fit into the groove area)

If the gear feels too tight to attach to the lens, follow the above instruction ①.

Should the gear feels too loose, use the optional gear sheet as supplied with the gear. Cut this gear sheet into 3 to 6 pcs and place them over the O-ring groove to provide better grip.

● Always make sure that the gear and the lens work properly after adjustment.
● 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 images 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.

Maintenance and Storage

● 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.

Specifications

Construction	Corrosion-resistant aluminum alloy
Dimension (Port)	Approx.φ250 x 104 mm / φ9.8 x 4.1 inch
Weight (Port)	Approx.1193 g / 42.1oz
Dimension (Ring)	Approx.φ133 x 40.5 mm / φ5.2 x 1.6 inch
Weight (Ring)	Approx.210 g / 7.4oz

Dimension (Gear)	Approx.φ88 x 19 mm / φ3.5 x 0.8 inch
Weight (Gear)	Approx.40 g / 1.4oz
Depth rating	80m / 262.5ft
Accessories	NX Dome Port Cover / Rear Port Cover L / Gear Sheet / O-ring x2 / Instruction Manual

* Specifications and appearance are subject to change without notice.

Port · Gear Set

● This product is required when using the Canon EF 11-24mm F4L USM lens with SAE&SEA DSLR housing for Canon.

● This product is required to use with SEA&SEA DSLR housing for Canon to zoom Canon EF 11-24mm F4L USM by operating focus/zoom dial on housing.



CAUTION

● This product is required to use with housing has a lens release button.

● Please be aware that the lens can not be detached if the housing is not equipped with a lens release button.

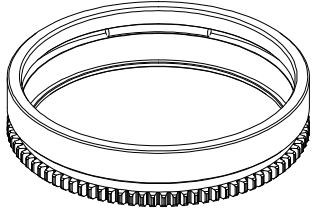
● 『Extension Ring 40L』(Optional)is required to operate this product.

● When using this product, you cannot shoot with manual focus. Please shoot with auto focus.

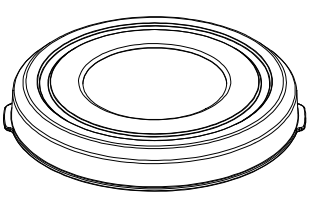
Identification of Parts



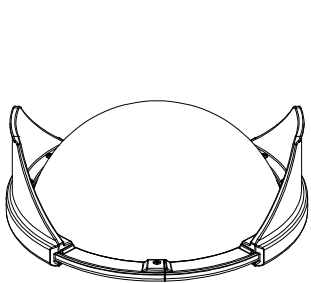
NX Dome Port Cover



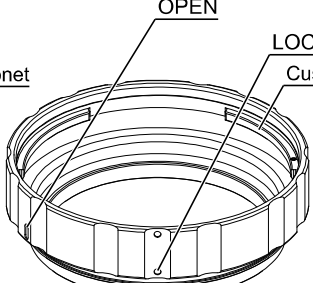
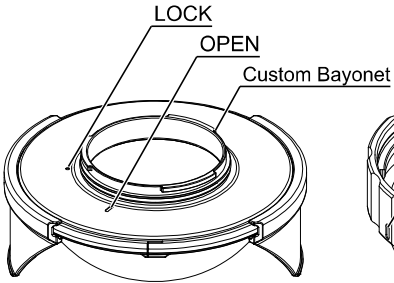
Zoom Gear for Canon EF11-24mm F4L USM



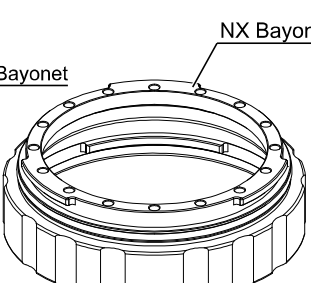
Rear Port Cover L



Fisheye Dome Port 240 for Canon EF11-24mm F4L USM



Conversion Ring 25 for Canon EF11-24mm F4L USM



How to Attach to the Lens

1 Attach this product to the lens in parallel alignment with the lens as shown in Fig.1

- Please make sure to insert the zoom gear from the rear of the lens.(Fig.1)
- Push the gear down as shown. (Fig.2)
- Please refer to the housing instruction manual for how to install the camera and follow the instructions below.
- After set-up, please ensure the zoom function turns smoothly by operating the focus/zoom dial on the housing before use.

* If the gear is not properly attached to the lens or is out of parallel alignment, the zoom operation may not work properly.



CAUTION

- Ensure that the O-ring pieces inside the gear do not come out of the grooves when detaching the gear from the lens.

Fig.1

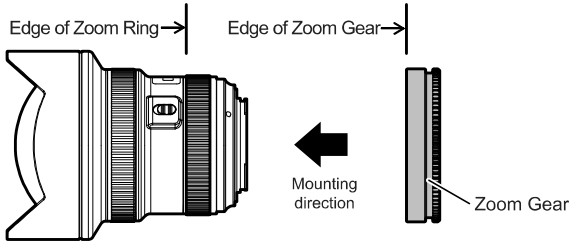
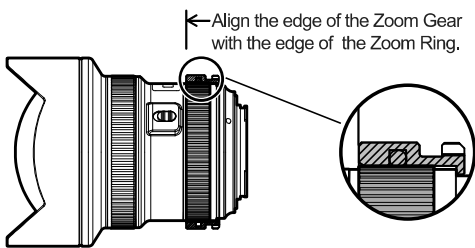


Fig.2



Attaching of the products & Detaching of the products

How to Attach the Products

1 Mount the camera only (without lens) to corresponding housing.

- This housing must have the lens release button feature.
- Please refer to the housing instruction manual on setting up camera.

2 Attach conversion ring 25 onto Extension ring 40L (sold separately) and using the port lock lever of extension ring 40L to lock this conversion ring 25.

- Please refer to instruction manual of Extension ring 40L to operate port lock lever.

3 Mount the Extension ring 40L to the housing and lock this the ring by using the port lock lever on the housing.

- Please refer to instruction manual of the housing on how to operate the port lock lever.

4 Mount the camera lens with the gear installed onto the camera.

- Please refer to instruction manual of camera on how to mount camera lens.

5 Attach FDP240 to Conversion Ring 25

- After set-up, please ensure the zoom function turns smoothly by operating the focus/zoom dial on the housing before use.

How to detach the Products

1 Removal is a reverse of the installation procedure.

- When removing lens, use the lens release button on the housing.
- Please refer to instruction manual of housing on how to release the lens.



CAUTION

- O-ring size of FDP240 for Canon EF11-24mm F4L USM is different from the Fisheye dome port 240(30116)
- Please use O-ring set for DX-1G (code: 62134) for FDP240 for Canon EF11-24mm F4L USM.
- Please use O-ring set for NX port (code:62101) for Conversion Ring 25 for Canon EF11-24mm F4L USM.