

Fantasea Line

FML Port Extension 25

(Cat. No. 2121)

Instruction Manual

The **FML Port Extension 25** extends the length of a lens port by 25mm. It can be installed on housings and lens ports featuring the Fantasea FML port system. For additional extension of a lens port, Port Extensions can be stacked one upon the other. For housings, lens ports and lenses compatibility information, please visit the Fantasea website – www.fantasea.com

SPECIFICATIONS

- Construction: Hard anodized Aluminum alloy
- Depth rated to 60 meters / 200 feet
- Effective length: 25mm
- Dimensions (diameter x height):
95 x 36 mm / 3.74 x 1.42 inch
- Weight: 128 g / 4.5 oz
- Included in package: Rear cover, Front cap, Silicone grease, Spare O-ring seal, O-ring remover and Microfiber cloth
- Manufacturer's warranty



INCLUDED IN PACKAGE



- | | |
|--------------------------|----------------------|
| 1. FML Port Extension 25 | 5. Spare O-ring seal |
| 2. Rear cover | 6. O-ring remover |
| 3. Front cap | 7. Microfiber cloth |
| 4. Silicone grease | |

IDENTIFICATION OF PORT EXTENSION PARTS



1. Lens Port Lock
2. Lens port attachment side
3. Housing port attachment side

4. Lens port assembly and locking markings
5. O-ring
6. Housing port assembly and locking markings

PORT EXTENSION INSTALLATION

1. Remove the rear cover and front cap from the port extension.
2. Install the port extension on the lens port:
 - a. Slide the lens port lock on the port extension to the "OPEN" position (Fig.1).
 - b. Hold the port extension against the lens port with its lens port attachment side (without the teeth) facing the lens port.
 - c. Align the white line marking on the port extension with the white line marking on the lens port (Fig.2).



- d. Carefully push the port extension against the lens port until it's fully inserted inside the lens port. Examine the port extension from all directions to make sure it was evenly inserted.
- e. While still applying slight pressure on the port extension against the lens port, turn the port extension clockwise until it reaches a point where it can't be turned any farther. The white line marking on the lens port should now be aligned with the white dot marking on the port extension (Fig.3).
- f. To secure the port extension in place, slide the lens port lock on the port extension to the "LOCK" position, towards the lens port (Fig.4).



Fig.3



Fig.4

- g. Once the port extension has been installed and locked on the lens port, test the installation by carefully trying to pull the port extension away from the lens port.
 - h. Note that lens ports offered by various manufacturers might feature assembly and locking markings that are either different than those featured on the port extension or placed differently. If installing the port extension on such lens ports and encountering resistance when attempting to push the port extension against the lens port, simply turn the port extension a bit until reaching the point where it can be inserted completely into the lens port, even if port extension and lens port markings are no longer aligned. Continue with steps "f" and "g" above to make sure the port extension has been properly installed and locked.
3. Install the port extension with lens port on the housing:
 - a. To mount the port extension on your housing, follow the lens port installation instructions provided with the housing.
 - b. Note that the assembly and locking markings featured on the port extension might be different than those featured on the housing and mentioned in the housing instruction manual.
 - c. For smooth installation and removal of the port extension, it is recommended to apply a slight amount of silicone grease over the port extension O-ring prior to installing it on the housing.

Important Note

Once the port extension and lens port has been mounted on the housing, **it is important to test the housing empty (no camera installed inside)** in a body of water in order to verify that the housing watertight seal has not been affected during installation.

PORT EXTENSION REMOVAL

1. Remove the port extension from the housing:
 - a. After the dive and prior to removing the lens port with port extension from the housing, rinse all components in fresh water.
 - b. Make sure to dry the housing exterior prior to removing the port extension and lens port in order to avoid water coming in contact with the camera or lens once the port extension is removed.
 - c. To remove the port extension from your housing, follow the lens port removal instructions provided with the housing.
 - d. If encountering resistance when attempting to remove the port extension as a result of significant pressure changes, it is recommended to use a non-slip rubber pad for increased friction.
2. Remove the port extension from the lens port:
 - a. Slide the lens port lock on the port extension to the "OPEN" position, away from the lens port (Fig.5).
 - b. Hold the lens port in one hand and the port extension with the other. Turn the port extension counterclockwise until the white line marking on the port extension is perfectly aligned with the white line marking on the lens port (Fig.6). **Note that the port extension cannot be removed if turned beyond this point** (Fig.7).



Fig.5



Fig.6



Fig.7

- c. Separate the port extension from the lens port by pulling it out and away from the lens port.
- d. It is recommended to store the port extension separated from the lens port and housing during transportation and storage.
- e. To protect the port extension during storage and transportation, it is recommended to mount the rear cover and front cap on the port extension.

CARE & MAINTENANCE

1. Please use the utmost care and do not use excessive force when assembling and disassembling the different components, in order not to cause any damage to the products.
2. Always make sure that the lens port lock on the port extension is open when mounting and removing lens ports. Note that the port extension might be severely damaged if a lens port is forcibly attached or removed when the lens port lock on the port extension is locked.
3. Keep the port extension away from extreme high temperatures, as under direct sunlight.
4. Visually check the condition of the O-ring before every installation. If it is dirty, clean it with fresh water, dry it with a soft cloth and lubricate it as described in the manual. If it is damaged in any way, such as cut or perforated, replace it before using the port extension again.
5. Use only the supplied silicone grease for lubricating the O-ring. Use of any other grease might impair the watertight seal of the port extension.
6. Do not clean the port extension with any chemical solvents or other materials, which might cause damage to the port extension.
7. After the dive, rinse all components in fresh water. To ensure that the accumulated salt has completely dissolved, it is recommended to soak the port extension with the lens port installed on the housing in warm fresh water once in a while.
8. When storing the port extension and during transportation, make sure that it is properly protected in order to prevent scratches, cracks or any other damage to the port extension. It is recommended to store the port extension separated from the housing and lens port.
9. Do not store the port extension in presence of chemicals, solvents or fuels.



FANTASEA PRODUCT CONSUMER LIMITED WARRANTY

“Fantasea” warrants this Fantasea Line branded product against defects in materials and workmanship under reasonable use for a period of ONE (1) YEAR, (two years, where required by law as determined by the origin of the authorized dealer). This warranty is effective from the date of retail purchase from Fantasea or an authorized Fantasea dealer, by the original end-user purchaser (“Warranty Period”). This warranty does not cover any commercial use of the product. If a product defect arises and a valid claim is received within the Warranty Period, at its option, Fantasea, or its authorized service facilities will either (1) repair the product defect at no charge, (2) exchange the product with a product that is new or which has been manufactured from new or serviceable used parts and is at least functionally equivalent to the original product. The warranty will not extend beyond the original warranty period. Your Fantasea Product should be registered within 30 days of purchase. You must keep the proof of purchase which indicates the date on which the purchase was made; as you may be required to show proof of purchase if you need warranty service. The following conditions apply:

1. This warranty extends to the original purchaser only. It is not assignable or transferable.
2. The warranty does not cover damage resulting from misuse, abuse, negligence, or accidents. Proper maintenance of the Product is the responsibility of the owner.
3. The warranty does not cover damage directly or indirectly resulting from the use of unauthorized replacement parts or service performed by unauthorized facilities.
4. This warranty does not cover any damage to any other product used in conjunction with the Fantasea product, including cameras and lenses, and resulting from any defect in the product materials or workmanship.
5. The cost of sending the product back to Fantasea or its authorized service facilities is the responsibility of the customer.
6. The warranty does not cover any incidental damages resulting from any defects in the product. This expressly includes any travel reimbursements or any other costs associated with the purchaser’s optional use of the product. The conditions of this warranty are expressly in lieu of all other expressed warranties, including the payment of consequential or incidental damages for the breach of any warranty. Please register your product on line at this URL: <http://www.fantasea.com/registration>.

For further information, please contact us at info@fantasea.com or visit our website www.fantasea.com