

## Instruction Manual for Wet Wide Lens 1 (WWL-1) 130 deg. FOV with Compatible 28mm Lenses

PN# 83201

### FOREWORD

Thank you for your purchase of a NAUTICAM product.

At NAUTICAM, we pride ourselves in the ability to recognise the requirements of professional as well as amateur underwater photographers and fulfill them through the innovative designs of our products. We strive to achieve a high level of user-friendliness by allowing stress-free installation and easy operation of all important functions of the camera.

Each product is individually inspected and water pressure tested to ensure optimum quality.

Please read this manual carefully before using the product, this will maximise its performance as well as its lifetime.

### WARRANTY

All NAUTICAM Products are warranted against any material and manufacturing defects for two years from the date of purchase for consumer use. This warranty only applies to products purchased from authorised NAUTICAM dealers and does not extend beyond the original retail purchaser.

To return your product for service, please contact your regional authorized service centre(s). Please note that this warranty only applies when the product is purchased in the territory where the service centre is located.

NAUTICAM does not hold responsibility for damage, of any nature, to any equipment used with and/or placed within our products.

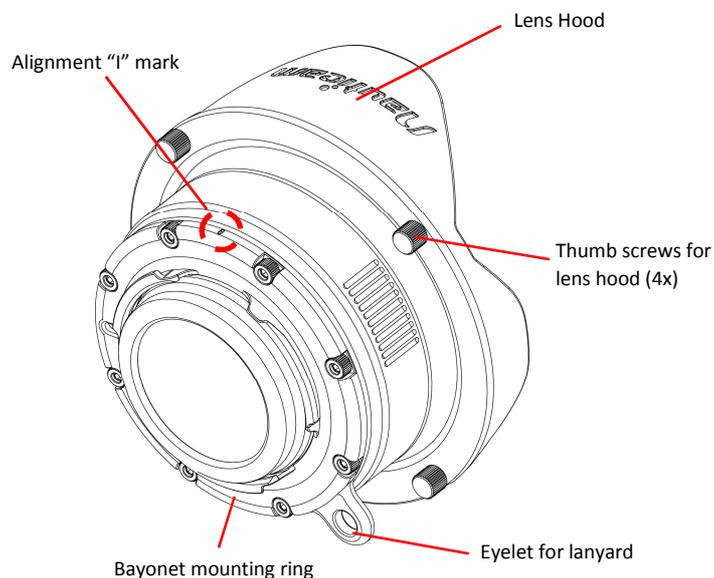
NAUTICAM accepts no liability for any loss of captured images or the inability to capture images even if it is due to the malfunctioning of our products.

Unauthorised modifications and/or repairs of our products will automatically invalidate the warranty.

### PACKAGE CONTENTS

- Wet Wide Lens 1 (WWL-1)
- Neoprene Cover (#25024)
- Rear Lens Cap for WWL-1 (#83221)
- M67 Mounting Ring for WWL-1 (#83211)
- Bayonet Mounting Ring for WWL-1 (Pre-installed) (#83212)
- Carrying Bag
- Cleaning Cloth
- Instruction Manual and Compatibility Chart

### IDENTIFICATION OF PARTS

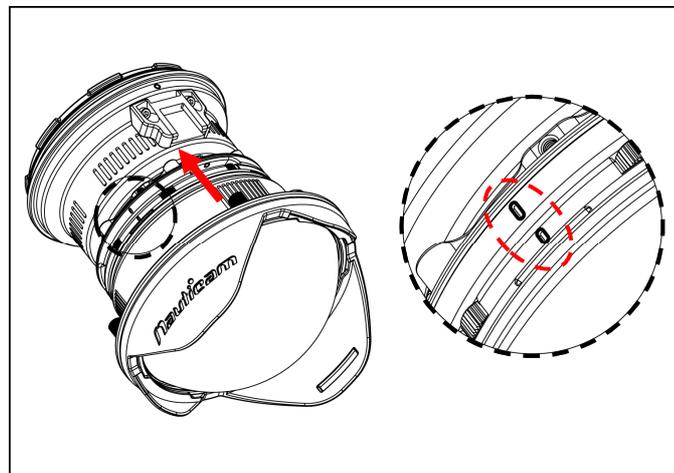


### MOUNTING AND UN-MOUNTING THE LENS

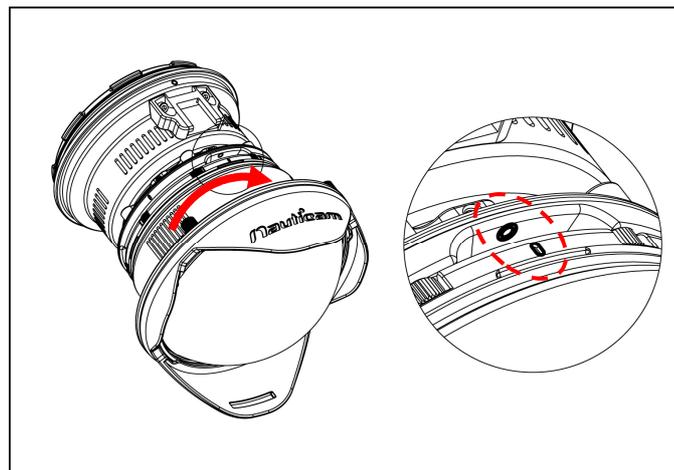
The WWL-1 comes with two mounting options, quick release bayonet mount or M67 thread mount. Bayonet mount is pre-installed and requires an optional bayonet mount converter (#83213 M67 to Bayonet, #83215 M77 to bayonet) to complete the system. Please refer to next section if you wish to use M67 mount.

#### To mount the lens on a port with bayonet mount system:

Please refer to the converter manual for installing the converter on to the port.

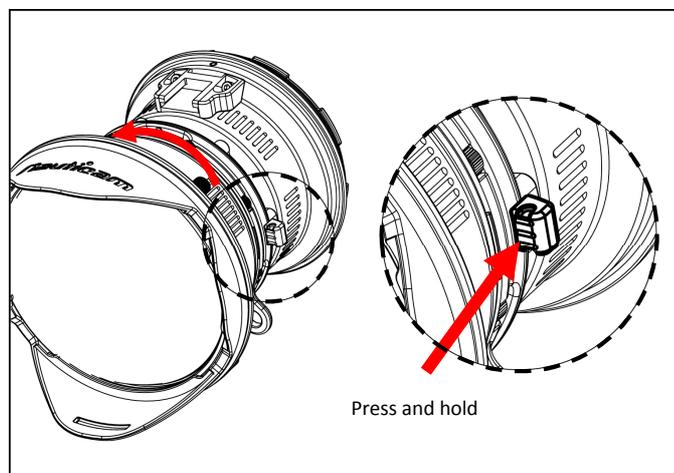


Align the "I" mark on the lens with the "I" mark on the converter and then push it in.



Turn the lens clockwise until the "I" mark on the lens aligns with the WHITE dot on the converter and a "click" sound is heard.

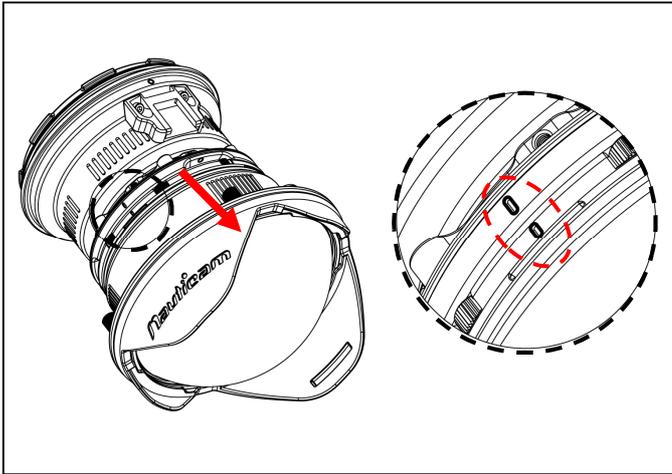
#### To un-mount the lens from port:



Press and hold the RED lens release button and then turn the lens anti-clockwise.

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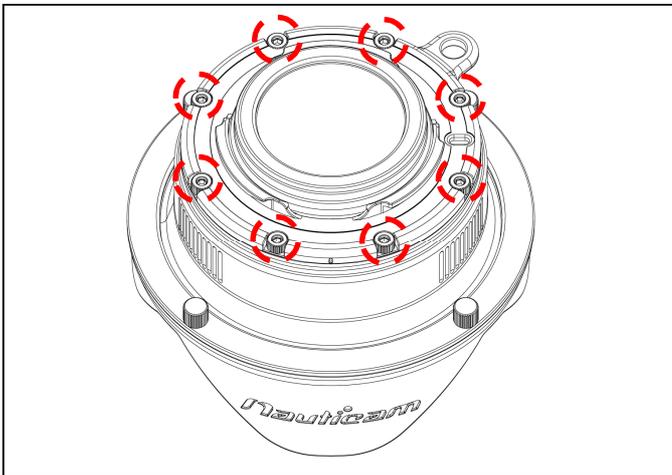
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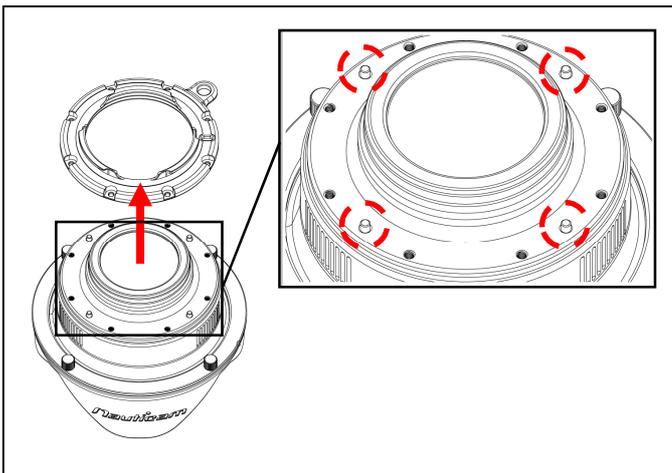
Remove the lens when "I" mark on the lens aligns with the "I" mark on the converter.

### CHANGING THE MOUNTING RING

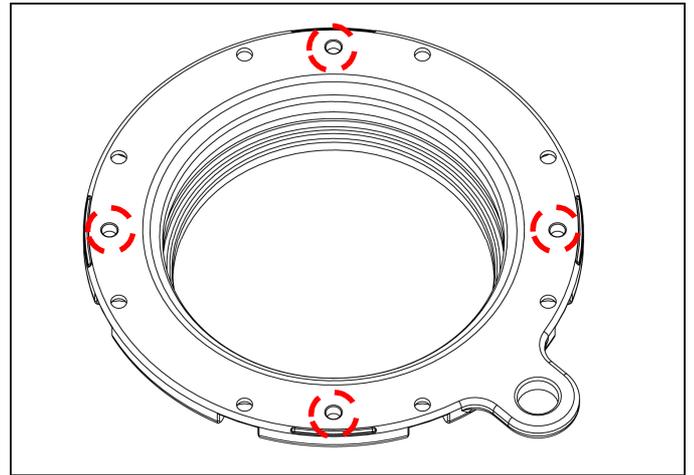
A M67 mounting ring is supplied for directly mounting the lens on a M67 threaded port. Follow below instruction to swap the mounting ring.



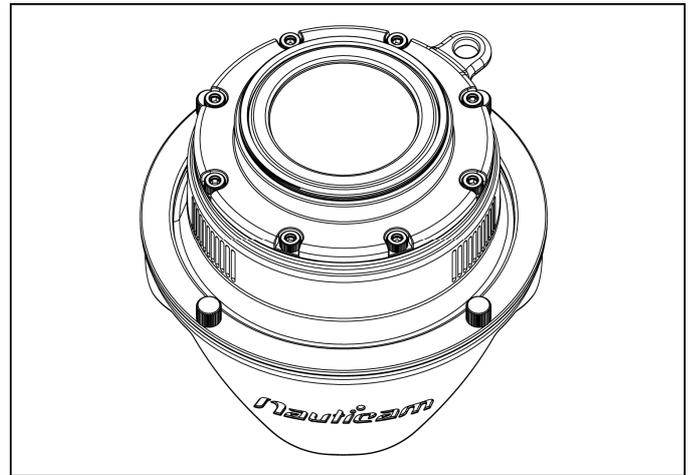
Remove the 8x screws from the back of the lens.



Remove the bayonet mounting ring. Note that there are 4x small black cylindrical positioning pins. All 4 pins should remain in the back of the lens.

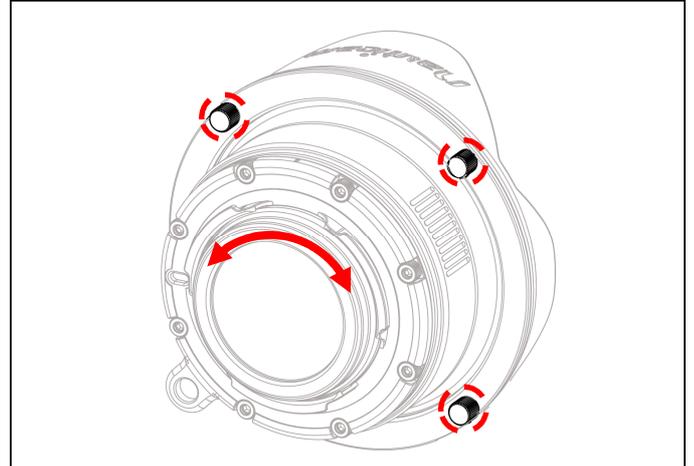


Locate the 4 small sockets in the M67 ring. Align with the 4 positioning pins on the WWL-1 and place it on top.



Secure the mounting ring by tightening the eight screws.

### ADJUSTING THE LENS HOOD POSITION



To adjust the position of the lens hood, slightly loosen the four thumb screws as indicated above (one is not visible from the image). Turn the hood to the desired position and secure by tightening the four thumb screws.

### CARE AND MAINTENANCE

The following procedures are advised to be followed:

- The WWL-1 should be rinsed thoroughly in fresh water after each dive.
- Dry and clean the glass surface of the WWL-1 with the cloth provided.
- Cover the lens with the provided covers when not in use.
- DO NOT use any kind of abrasive solutions to clean the glass surfaces.

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#### OPTIONAL ACCESSORIES

- 83213 M67 to Bayonet Mount Converter
- 83215 M77 to Bayonet Mount Converter
- 83214 Bayonet Mount Holder for SMC/CMC
- 83222 Bayonet Mount Lens Holder for Arms
- 83223 Bayonet Mount Double Lens Holder for Arms

#### SPECIFICATIONS

|                                |                         |
|--------------------------------|-------------------------|
| Lens Construction:             | 6 elements in 5 groups  |
| Field of view:<br>(Underwater) | 130° (Ref. 28mm equiv.) |
| Focal distance:                | 0cm to infinity         |
| Dimensions:                    | Dia130mm x 97mm         |
| Weight:<br>(Air/ Underwater)   | 1.24kg / 0.62kg         |
| Depth rating:                  | 100m                    |
| Mount system:                  | M67 or NA Bayonet       |

Please visit [www.nauticam.com](http://www.nauticam.com) for the latest WWL-1 compatibility chart.