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INON MRS50 Port for Olympus

Thank you for purchasing INON product.

INON MRS Port series is compatible with INON unique technology 「INON MRS System (PAT.P)」 to control lens zooming operation by magnetic attraction without mechanical gear. **MRS50 Port for Olympus Set is exclusively for Olympus ZUIKO DIGITAL ED 50mm F2.0 Macro.**

Features

- MRS Port enables you to smoothly control manual focusing by rotating Control Ring on the port as on land.
- INON 「UCL-330 Close-up Lens」 or 「UCL-165M67 Close-up Lens」 can be directly attached on this port. You can mount/dismount Close-up lens underwater depending on a subject with different focusing distance.

Package contents :

- MRS50 Port for Olympus
- Control Ring [MRS Magnet Control Ring(60/100U II /50 for Olympus)]
- Collar [Collar(MF STD II , MRS100U/100U II /60/50 for Olympus)]

Compatible housing:
(as of June 2016)

- Olympus PT-E01
- Olympus PT-E02
- Olympus PT-E03
- Olympus PT-E05
- Olympus PT-E06
- Olympus PT-EP08 (*1)
- Olympus PT-EP11 (*1)

*1 Olympus「PAD-EP08」Port Adapter and Olympus「PER-E01」Port Extension Ring are required.

Compatible lens :
(as of June 2016)

- Olympus ZUIKO DIGITAL ED 50mm F2.0 Macro

Installation/usage:

- Dismount the Collar/Control Ring from the Port. Open the mouth of the Collar little bit to take it out from the Port towards to subject side. Dismount the Control Ring in same way.
- Make sure that there is no dust/damage on the Port O-ring, O-ring groove and O-ring Contact Surface of the housing. Then set the Port on the housing. Refer to housing user manual for detail of checking O-ring/O-ring groove/O-ring Contact Surface.

The pre-installed O-ring is Olympus 「POL-E101」 (for Olympus E system). **Make sure to use genuine 『Olympus Silicon Grease (white cap)』.**
DO NOT use any other grease including Inon grease to avoid flooding.

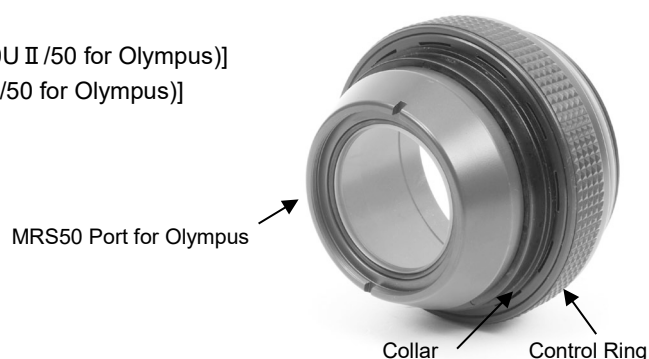
- Set a camera / lens (with the Magnet Ring 50 Set for Olympus (option)) in compatible housing. Refer to respective user manual how to set the Magnet Ring on the lens or to set a camera in housing.
- Install Control Ring/Collar on the Port in the reverse procedure of dismounting them.

Pre-use check :

- **Immerse assembled housing/lens port in a bath tub with fresh water (below 30°C/86 °F) to check waterproof property. There must be no flooding inside of the assembled housing/lens port.** Refer to housing user manual for detail of pre-use check.

Maintenance :

- After using underwater, first rinse and then soak the housing/port in fresh water (below 30°C/86 °F) for several hours before disassembling, to dissolve any salt build-up. When soaking in fresh water, slowly turn the Control Ring to work out any salt or sand trapped in the gaps. Refer to housing user manual for detail.
- Blow off remaining water and leave the port at shaded and well-ventilated area to dry with no water drops on the lens surface (it may take several days to completely dry). Remaining water on the lens surface may cause burn/spot.
- Apply thin film of supplied grease on inner side of the Control Ring when dismounting it. For maintenance method of the O-ring, refer to housing user manual.



- How to disassemble:**
- First remove the Collar / Control Ring then dismount the Port body in reverse procedure of assembling them.
- Handling precautions:**
- Protect from impact shock and vibration, such as vibrating boat deck to prevent malfunction or flooding of the product.
 - Do not expose to extreme heat, such as inside of a sun-heated car, or in hot direct sunlight, such as a beach or boat deck. Doing so may cause deformation, damage and subsequent flooding.
 - Pre-use check, use condition, after-use maintenance and maintenance of waterproof property conform to housing user manual. **Make sure to use genuine Olympus Silicon Grease (supplied with Olympus housing) for pre-installed O-ring maintenance.**
 - Please note that housing manufacture has no concern with the installation of this product on the housing. Do not inquire housing manufacture about the installation. Also please note that you have to take full responsibility for the installation.
 - INON Inc. can not take any responsibility for any trouble/damage(damage to housing/housing accessories/camera) resulting from the installation.
 - Should you have trouble like flooding caused by the modification, INON Inc. can not take any responsibility for incidental damage(relevant expense to take a shot etc.)
 - **Please perform the installation only if you can accept above conditions.**

- Option :**
- UCL-330 Underwater Close-up Lens
 - UCL-165 M67 Underwater Close-up Lens
Attaches on port front and enables to shorten minimum focal length to get closer to your subject. The lens construction is 2 elements 2 groups of inner coated optical glass and effectively suppress aberrations to obtain optimum performance of master lens. Two types of close-up lens are available to suit different subject size and accessibility; standard magnification model UCL-330 (focal length: 330mm ※) and high magnification model UCL-165 M67 (focal length: 165mm (underwater)/135.6mm (air) ※).
 - Dome Lens Unit Cover
Port cover made from neoprene.

INON MRS series port

Specifications	
Type	MRS50 Port for Olympus
Compatible Lens	Olympus ZUIKO DIGITAL ED50mm F2.0 Macro
Outer Diameter	Φ 114.5mm / 4.5 inch (incl. Control Ring)
Length	79.4mm / 3.1 inch
Weight	394g / 12.7oz (incl. Control Ring, air)
Depth Rating (*1)	60m / 197feet
Material/Surface Finishing	Corrosion-resistant aluminum alloy Teflon-molybdenous coating
Glass Material/Surface Finishing	Optical glass / inner multi coating

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*1 DO NOT use the housing beyond its depth rating if the depth rating is smaller than 60 m /197feet

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