

INON

INON Dome Port 115

Thank you for purchasing INON product.

INON Dome Port series is high quality port using an optical glass with multi-coating to obtain sharp and high contrast image even in edge of the image without flare/ghost.

- Package contents :**
- Dome Port 115 [①] ×1
 - Protector [②] ×1
 - Shade Sponge D60 [③] ×1
 - (User manual ×1)
 - Fixing Screw (incl. one spare) [④]×5
 - Allen Wrench [⑤] ×1
 - INON Grease ×1
 - This user manual



- Compatible housing :**
- INON X-2 for GF1, INON X-2 for GF2
 - INON X-2 for EOS10D series, X-2 for EOS20D series, X-2 for EOS30D, X-2 for EOS50D/40D, X-2 for EOS60D, X-2 for EOS70D, X-2 for EOS6D, X-2 for EOS80D

- Compatible lens :**
- When using for INON X-2 for GF1 or INON X-2 for GF2**
- Panasonic LUMIX G FISHEYE 8mm/F3.5 (*1)

When using for INON X-2 for EOS10D series, X-2 for EOS20D series, X-2 for EOS30D, X-2 for EOS50D/40D, X-2 for EOS60D, X-2 for EOS70D, X-2 for EOS6D or X-2 for EOS80D

- Tokina AT-X 107 NH Fisheye hood removed (*2)
- Canon EF8-15mm F4L Fisheye USM (*3)
- Canon EF16-35mm F2.8L II USM (*4)
- Canon EF-S10-18mm F4.5-5.6 IS STM (*5)

(*1) Auto focus (AF) only.

(*2) Optional INON 「Ext. Ring S」 is necessary. For zooming, optional 「Zoom Gear AT-X107」 is required. Auto focus (AF) only.

(*3) Optional INON 「Ext. Ring 18」 is necessary. For zooming, optional 「Zoom Gear 8-15」 is required. Auto focus (AF) only.

(*4) Optional INON 「Ext. Ring M」 and 「Ext. Ring 36」 are necessary. For zooming, optional 「Zoom Gear 8-15」 is required. Auto focus (AF) only.

(*5) Optional INON 「Ext. Ring 36」 is necessary. For zooming, optional 「Zoom Gear EFS10-18STM」 is required. Auto focus (AF) only.

- Preparation :**
- **When using “Panasonic LUMIX G FISHEYE 8mm/F3.5”**
Attach the supplied 「Shade Sponge D60」 on the Dome Port 115 to block the built-in flash light. This is mandatory to prevent the built-in flash-light from exposing on an image. Refer to the instruction manual of the 「Shade Sponge D60」 .
 - **When using “Tokina AT-X107NH Fisheye hood removed”**
Attach the 「Shade Sponge AT-X107」 (supplied with INON 「Zoom Gear AT-X107」 on the INON 「Ext. Ring S」 . This is mandatory to prevent the built-in flash-light from exposing on an image. Refer to the instruction manual of the 「Shade Sponge AT-X107」 for detail.
 - **When using “Canon EF8-15mm F4L Fisheye USM” “Canon EF-S10-18mm F4.5-5.6 IS STM”**
Attach the 「Shade Sponge D80」 (supplied with INON 「Zoom Gear 8-15」 「Zoom Gear EFS10-18STM」) on the INON 「Dome Port 115」 . This is mandatory to prevent the built-in flash-light from exposing on an image. Refer to the instruction manual of the 「Shade Sponge D80」 for detail.

- Installation/usage :**
- Attach the 「Dome Port 115」 on the compatible housing or Extension Ring. Make sure that there is no dust/damage on the Port O-ring, O-ring groove and O-ring Contact Surface of the housing or Extension Ring. Refer to housing user manual for detail of checking O-ring/O-ring groove/O-ring Contact Surface. Slowly screw the Dome Port 115 clockwise on the housing until it stops at the Port Bezel edge or edge of the Extension Ring. Do not screw too fast or too tight to prevent damage on the O-ring or fixture of Dome Port 115 and housing.
 - Then attach the 「Protector」 if you use it. The protector is strongly recommended since it avoids flare/ghost and also helps to keep combined unit (housing/port) in stable position when not in use. First, set the Protector on the compatible dome port so that large flanges seat on 6 and 12 o'clock position.
 - Next, push small flanges with your finger to completely set the edge of the Protector in the groove of the Dome Port 115 and fix them with supplied four fixing screws. Tighten set screws in diagonal order. DO NOT tighten too much to avoid damage/deformation of the Protector.



- Install compatible lens and camera in compatible housing. Refer to housing user manual for detail of installation method of a camera in the housing.

- Pre-use check :**
- **Immerse assembled housing/lens port in a bath tub with fresh water (below 30°C/86°F)** to check if installation has been properly performed to carry 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.

- How to disassemble:**
- First remove the 「Protector」 (if you use it) then detach the 「Dome Port 115」 in reverse procedure when attaching them.

- 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. 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.

- 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.
 - Damage of the lens surface may affect on depth rating. So be careful to handle the lens port not to damage it and make sure to use within rated depth.
 - Pre-use check, use condition, after-use maintenance and maintenance of waterproof property conform to housing user manual.

Options

- Dome Port Cover S
Port Cover made from neoprene which is usable underwater. It is recommended to put this cover on the Dome Port 115 whenever not in use to protect the lens surface during transportation or installation/removal of the Dome Port 115.
- MF Rear Port Cap
Port O-ring protection during transportation or storage. The MF Rear Port Cap is compatible with all INON ports. Pressure relief construction to equalize pressure inside of the port to the outer pressure is useful when traveling air.
- Protector [service part]
Prevents lens surface of the Dome Port 115 from accidental damage and avoids flare/ghost by blocking unnecessary light to obtain clear image. Also the protector helps to stabilize the whole component when facing down assembled housing to set a camera in a housing. So the Protector is recommended to use together with the Dome Port 115 every time.
- Spare O-ring for Port/Ext. Ring [service part]
Replacement INON oil-bearing yellow O-ring for Port and Ext. Ring.
- INON Grease
Grease for INON oil-bearing yellow O-ring.



INON Dome Port series

Specifications	
Type	Dome Port 115
Compatible Lens	Panasonic LUMIX G 8mm/F3.5 Tokina AT-X 107 NH Fisheye hood removed Canon EF8-15mm F4L Fisheye USM Canon EF16-35mm F2.8 II USM Canon EF-S10-18mm F4.5-5.6 IS STM
Outer Diameter	Φ 132mm / 5.2in.
Length	56mm / 2.2in.
Weight	386g / 13.6oz (air, standalone)
Depth Rating (*1)	75m / 246ft.
Material/Surface Finishing	Corrosion-resistant aluminum alloy Rigid black alumite, Polycarbonate(Protector)
Glass Material/Surface Finishing	Optical glass / inner multi coating

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