

# INON

## INON Straight Viewfinder Unit II for X-2

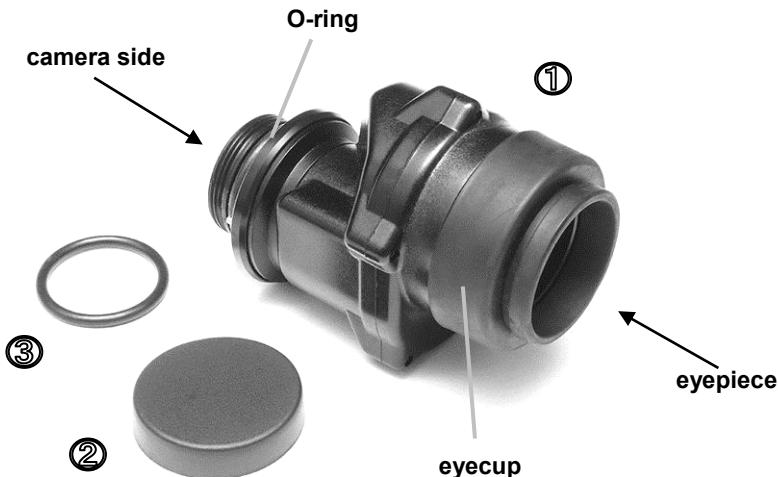
Thank you for purchasing INON product.

The **INON Straight Viewfinder Unit II for X-2** is a compact and lightweight viewfinder designed based on a full frame digital SLR camera to use with compatible INON X-2 housing.

### Main features

- This straight type viewfinder is designed based on a full frame SLR camera's finder to provide clearest viewfinder image than ever.
- Component large prism has less light attenuation and carefully arranged antireflection coating on optical surfaces give you clearest viewfinder image even corners.
- The optical design of the **Straight Viewfinder Unit II for X-2** covers mirrorless camera's electrical view finder (EVF) which has wider view angle than optical viewfinder as well benefitting with minimum light attenuation on corners and image degradation when using this viewfinder for electrical viewfinder (EVF) or camera's high magnification finder.
- Magnification is 1.0x which is same as on land to prevent aberrations or indistinct viewfinder image which could be the case of a viewfinder forcedly offering high magnification.
- Eyepoint underwater is designed at 60 mm high-eyepoint enabling divers to see whole of viewfinder image easily without vignetting through a mask.
- The body case to house large prism is made from fiber-reinforced plastic (FRP) to achieve compact, lightweight yet rigid structure.
- Housing mount is same as existing INON viewfinders to replace/upgrade from your INON viewfinder.
- Optional **Diopter Correction Lens [+1.5D]** is available for those who are unable to adjust with camera's viewfinder diopter adjustment range due to long sight or presbyopia.

<b>Package contents :</b>	<ul style="list-style-type: none"><li>• Straight Viewfinder Unit II ①</li><li>• Lens cap ②</li><li>• Spare O-ring ③</li></ul>	<ul style="list-style-type: none"><li>• x1</li><li>• x1</li><li>• x1</li></ul>
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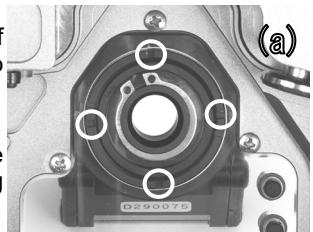


**Compatible housing:** • INON X-2 for EOS10D – EOS80D, X-2 for EOS6D  
(as of July 2019)

※ Though this product is designed to see "focusing screen" of camera as well as viewfinder information section (bottom of the focusing screen where aperture, shutter speed etc. is displayed), using with future cameras or other housings may have difficulty to see the viewfinder information section due to less light coming through.

**Dismount pre-installed:** **viewfinder** • Check four “slots” of **Lock Ring** which fastens the finder unit on **X-2** rear body (**a** Image shows 45° Viewfinder Unit).

- Put the “Lock Ring Tool for X-2 Finder Unit” on the retaining ring so that pins of the **Lock Ring Tool** seat in the slots (**b①**) and turn it slowly counterclockwise to remove the **Lock Ring** (**b②**)(**c**). Then pull the pre-installed viewfinder out carefully not to damage its O-ring (**d**).
- Check O-ring contact surface of **X-2** rear body. The O-ring contact surface must not have any damage or any foreign substances (**e**). Clean the O-ring contact surfaced with a cotton swab.

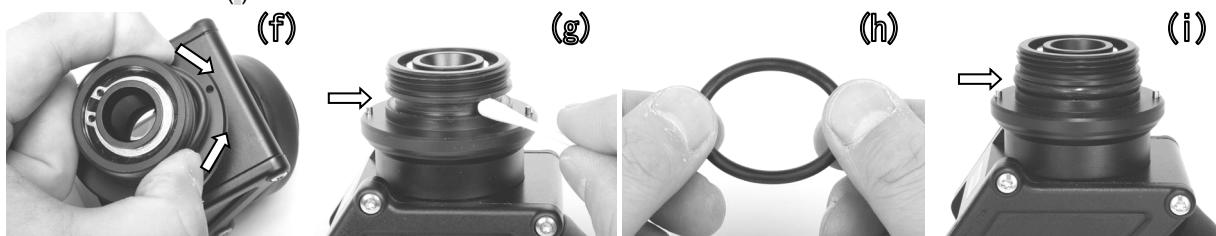


**Preparation**

• Make sure to check the condition of O-ring/O-ring groove of the **Straight Viewfinder Unit II** before installing on **X-2**.

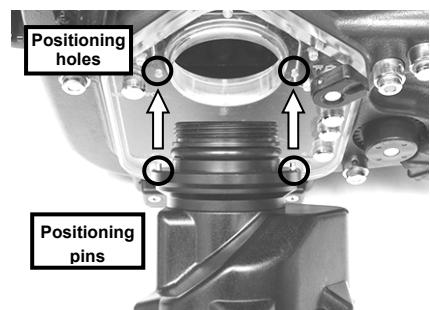
- Please refer to [Measures to Prevent Accidental Flooding] section of **X-2** user manual for detail and first check without removing the O-ring. If necessary, apply thin film of Inon grease (supplied with **X-2** housing) on the O-ring surface uniformly. (**i**).
- When you re-install/replace the O-ring, follow appropriate steps described below. **Though below images use 45° Viewfinder Unit for reference, re-installation/replacement procedure is same.**

Lightly squeeze the O-ring from the sides so it bulges out then grasp and gently pull it off by fingers (**f**). Next check condition of the O-ring/O-ring groove and make sure that they do not have any damage or any foreign substances (**g,h**). Use supplied spare O-ring if pre-installed O-ring is damaged. Using fingertips, apply thin uniform film of Inon grease (supplied with **X-2** housing) on the O-ring (**h**). Install the O-ring in the O-ring groove without twisting. Finally check and make sure that the O-ring is seated uniformly and not twisted (**i**).



Installation method:

Attach the **Straight Viewfinder Unit II** on **X-2** rear body in reverse procedure of above [Dismount pre-installed viewfinder unit]. As shown in the right image, attach the **Straight Viewfinder Unit II** on **X-2** rear body so that positioning pins place in positioning holes on the **X-2** rear body.



When installing, make sure to attach the viewfinder unit gently and straightly not to damage the O-ring contact surface of **X-2** rear body and the O-ring. DO NOT tighten the **Lock Ring** too much to avoid damage of **X-2** rear body or fixture of the finder unit.

Pre-use check:

**Immerse assembled housing/viewfinder 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 / viewfinder.** While **X-2** viewfinder system gives you unique self-interchangeable option, you are responsible to check if the viewfinder is properly installed. Improper installation may cause flooding or accidental damage. **Make sure to re-tighten the lock ring before every time you use your **X-2** housing.**

**Handling precautions:** In addition to the precautions described in **X-2** user manual, please follow the points below.

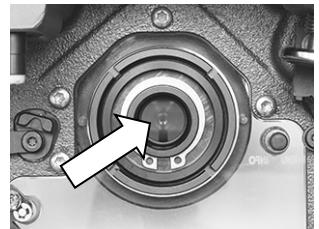
- DO NOT** let sunlight directly get into the viewfinder unit to avoid possible damage on camera itself.

When not in use, cover the eyepiece with supplied lens cap as in the right image. \*Always make sure that the viewfinder is completely dry including lens surface before using lens cap.



- **DO NOT** let water/foreign substances get into inside of the viewfinder unit

Camera side of the straight viewfinder is not waterproof/dustproof structure. Always clean inside of the **X-2** housing and take enough care when you open/close **X-2** rear body. Avoid opening/closing **X-2** rear body in where could be splashed with water or humid area as much as possible. If you have to open **X-2** rear body in such areas by necessity, do not separate the straight viewfinder and the **X-2** body, first well rinse assembled housing/viewfinder with fresh water and thoroughly swab them, then open it carefully not to allow water/dust getting inside of the housing/viewfinder. Please contact purchasing dealer for possible repair if you observe any water/foreign substances inside of the viewfinder unit.



- **DO NOT** disassemble

The straight viewfinder is precisely calibrated and assembled. Never attempt to disassemble the straight viewfinder unit to avoid malfunction/flooding. Contact your purchasing dealer for repair/check if you observe malfunction.

Repair/disassemble/modification at non INON service facility will void warranty and INON will not compensate any damage caused by such acts.

**Maintenance:**

After use, first remove the eyecup and rinse together with **X-2** housing to dissolve any salt build-up. Then blow off remaining water on the eyepiece of the straight viewfinder unit and make sure that no water remains on the eyepiece lens surface. Place in shaded and well ventilated area to dry. (It may take several days to completely dry). Put back the eyecup on the straight viewfinder unit after both of them are completely dried.



**Storage method :**

After maintenance, put the lens cap and store it under recommended storage condition as same as **X-2** housing.

**Options / servicing : parts**

- [Lens Cap \(for Straight Viewfinder Unit for X-2\)](#)  
② in the product image.
- [Replacement O-ring \(for 45° Viewfinder Unit/Straight Viewfinder Unit II for X-2\)](#)  
③ in the product image.

*NOT compatible with the O-ring for the Pick-up Finder unit / Finder Window Unit.*

- [Diopter Correction Lens \[+1.5D\] for 45VF-II/STVF-II](#)

Add-on correction lens to shift +1.5 diopter for those who are unable to adjust with camera's viewfinder diopter adjustment angle due to long sight or presbyopia. The **Diopter Correction Lens** has to be installed before diving by drop it inside of the viewfinder from housing side and tighten it by packaged tool (not removable underwater).



- [Lock Ring Tool for X-2 Finder Unit](#)

Dedicated tool to attach/detach a viewfinder unit for 「X-2」 series housing. The Lock Ring Tool is initially supplied together with an interchangeable viewfinder compatible 「X-2」 series housing.



**INON X-2 Finder Unit series    Specifications (\*1)**

Model	Straight Viewfinder Unit II for X-2
Length x width x height (*2)	101.8mm / 4.0in.x 72.2mm / 2.8in x 74.0mm / 2.9in.
Weight (*2) [air]	305g / 10.8oz
Material / finishing	Corrosion-resisting aluminum alloy / black rigid alumite, PC etc.
Lens material / finishing	Optical glass / antireflection coating
Lens construction /	5 elements in 3 groups, 3 x high refractive porro prism x 3
Magnification/eye-point (u/w)	1.0x, approx. [u/w] 60 mm/2.4 in. [air] 45 mm/1.8 in.

\*1 Subject to change without prior notice.

\*2 Including the eyecup without the lens cap.

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