

INON

INON SD Front Mask for HERO5/6/7

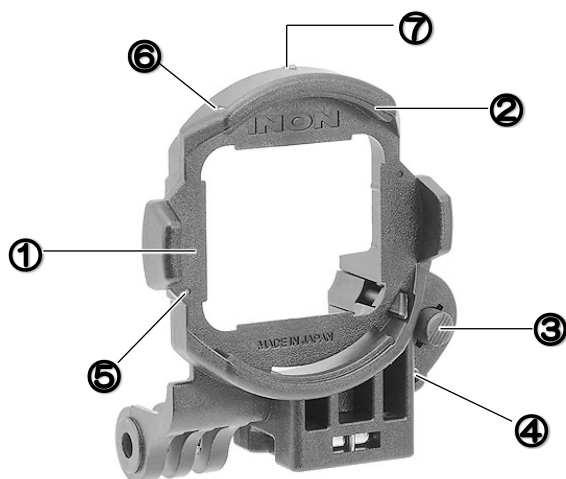
Thank you for purchasing INON product.

The INON “SD Front Mask for HERO5/6/7” is a multi-purpose product to attach INON SD Mount series attachment lenses, arm etc. on optional genuine GoPro® dive housing (“Super Suit”: depth rated to 60m/196ft) for GoPro® 「HERO7 Black」 / 「HERO6 Black」 / 「HERO5 Black」 .

Features

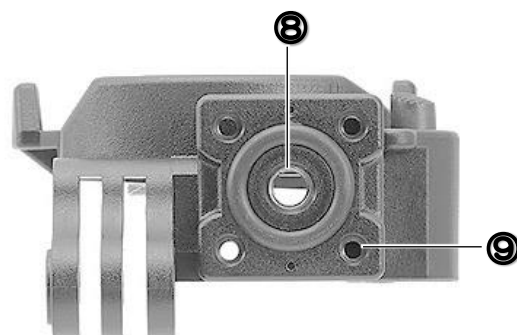
- INON “**SD Mount**” bayonet system with locking system. With 「SD Mount」, INON 「UFL-G140 SD」 underwater semi-fisheye conversion lens (*2) or 「UCL-G165 SD」 underwater wide close-up lens (*2) exclusively designed for an action camera like GoPro® camera, can be easily, quickly and reliably mounted/detached underwater. Of course the “SD Front Mask for HERO5/6/7” is usable without any attachment lens (*1)
- INON 「Direct Base III」 , 「Z Joint」 or 「Z Adapter MV」 can be attached on the bottom of this product.
- Installing packaged Male Adapter (GoPro®) on the bottom of this product utilizes your GoPro® compatible accessories.
- Packaged 「Mount Adapter」 is equipped with M6 screw hole/tripod screw(1/4 in.) enabling to add an optional 「D Holder」 on its left. Double handle configuration is also supported by installing 「Grip Base D4」 . Of course you can attach your GoPro® HERO5/6/7 on a monopod or tripod at the bottom of this product.

Name of parts/Packaged accessory



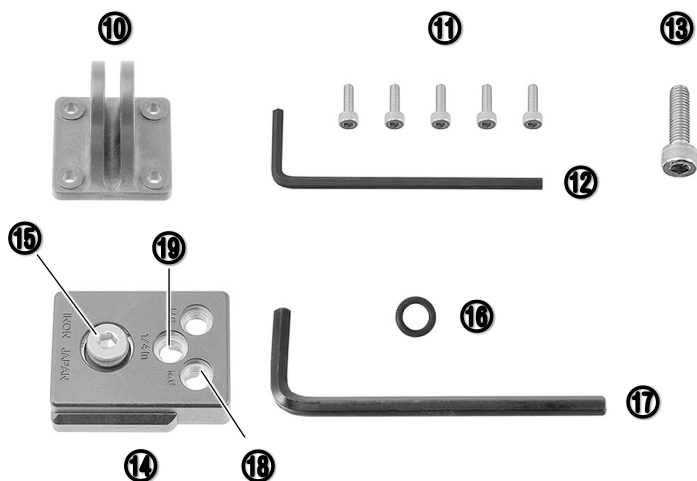
1. SD Front Mask for HERO5/6/7 body
2. Lens Mount (SD bayonet mount)
3. Lock Button
4. Strap Hole (Diameter: ϕ 3.2mm)

Body 【bottom】



5. Guide A (Lens) x2
6. Guide B (Lens) x2
7. Guide C (Lens Hood)
8. Optional Accessory Fixing Hole (M6 screw hole)
9. Male Adapter Fixing Hole (M3 screw hole x4)

Packaged accessory



10. Male Adapter (GoPro®)
11. Male Adapter Fixing Screw x5*
*including one spare.
12. Allen Wrench (WAF:2.5mm)
13. M5×18 Cap Screw
14. Mount Adapter
15. M6×12 Low Head Cap Screw*
*pre-installed on the Mount Adapter
16. Spare O-ring (to hold M6x12 Low Head Cap Screw)
17. Allen Wrench (WAF: 4mm)
18. D Holder Fixing Hole (M6 screw hole ×2)
19. Tripod Screw Hole (1/4in. screw hole)
20. This user manual

Compatible camera/housing : • Optional genuine dive housing ("Super Suit" depth rating:60m/196 ft.) for GoPro®「HERO7 Black」/「HERO6 Black」/「HERO5 Black」(*3)
(as of October 2018)

Compatible lens : • SD Mount Lens

and Optional Parts
(as of October 2018)

- INON「UFL-G140 SD」underwater semi fisheye lens (*2)
- INON「UCL-G165 SD」underwater wide close-up lens (*2)

• Compatible products attached on the [bottom] of this product

- INON「Direct Base III」, 「Z Joint」, 「Z Adapter MV」

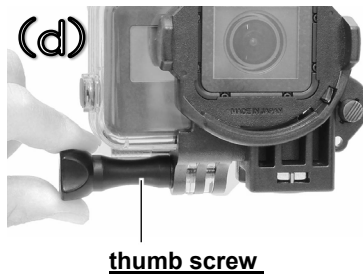
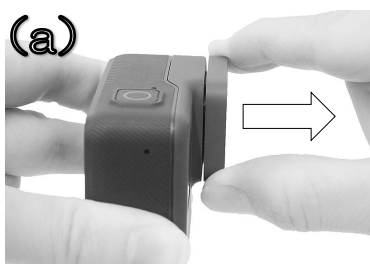
• Compatible product attached on the [bottom] via packaged [Mount Adapter]

- INON「D Holder」, 「Grip Base D4」, 「commercially available monopod, tripod」

- 1: When using on land, without using 「Video Stabilization」 even without an attachment lens will have vignetting (No vignetting underwater). So make sure to activate 「Video Stabilization」 on land.
- *2: Both「UFL-G140 SD」and「UCL-G165 SD」are designed for underwater use only and not usable on land.
- *3: GoPro® optional genuine "Super Suit (60m/196ft)" for HERO5/6/7 Black is the only compatible housing and any other housing is not usable with this product.

Installation method:

- (a) Remove the lens cover from the camera by pulling it out and twist counterclockwise.
- (b) Set your 「HERO5/6/7」in the genuine dive housing "Super Suit".
- (c) Set the SD Front Mask for HERO5/6/7 on the housing with INON logo facing front. Make sure there is no gap between the lens frame of the housing and the opening edge of this product.
- (d) Fasten this product and the housing with the thumb screw which comes with the housing.
- (e) Use packaged 「M5x18 cap screw」 instead of the thumb screw if you experience below cases.
 - If the thumb screw is not long enough when installing packaged 「Male Adapter」 on this product.
 - If the thumb screw contacts this product when installing optional 「Grip Base D4」.



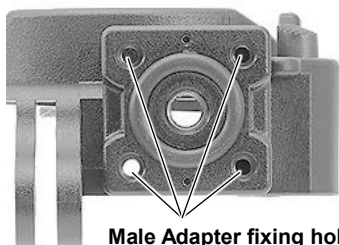
thumb screw

M5x18 cap screw

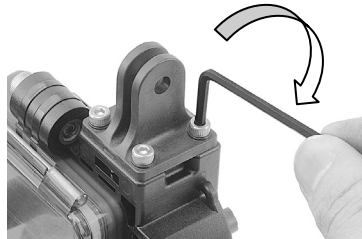
Installing accessories :

Packaged 「Male Adapter」

Place the adapter on the bottom of this product and fix with supplied 4 x Male Adapter Fixing Screws by using supplied Allen Wrench (WAF: 2.5mm).



Male Adapter fixing holes



Male Adapter

Direct Base III」 「Z Joint」 「Z Adapter MV」

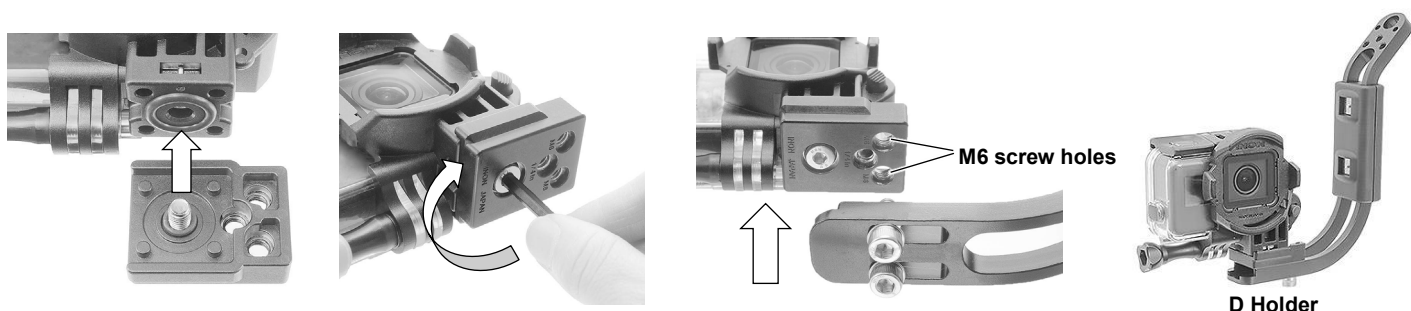
Directly attachable at “M6 Screw Hole” on the bottom of this product.



「D Holder」 via packaged 「Mount Adapter」

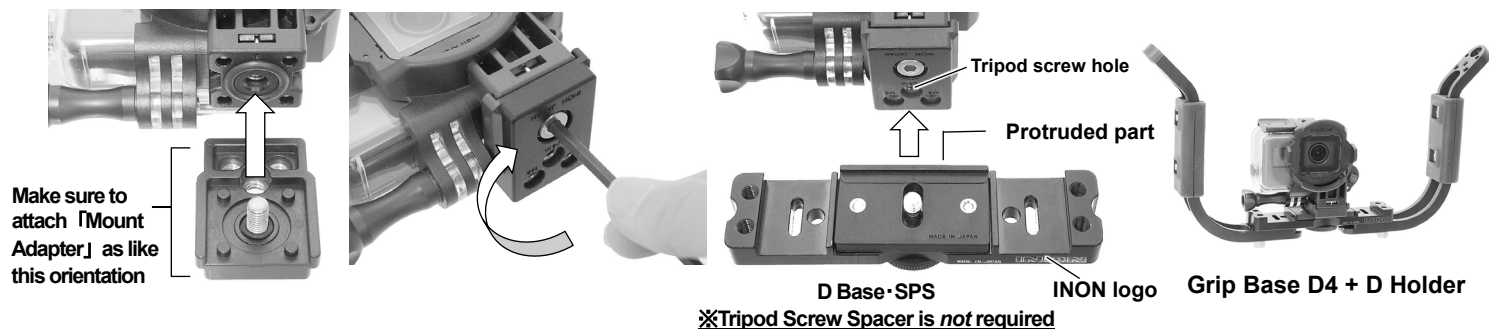
Attach the packaged 「Mount Adapter」 on the bottom of this product as in below images. Fasten it by pre-installed M6 Screw on the Mount Adapter by firmly screwed it into M6 Screw Hole by using supplied Allen Wrench (WAF:4mm).

Optional D Holder is attached on the left side of this product at 2 x “M6 screw holes” on the Mount Adapter.



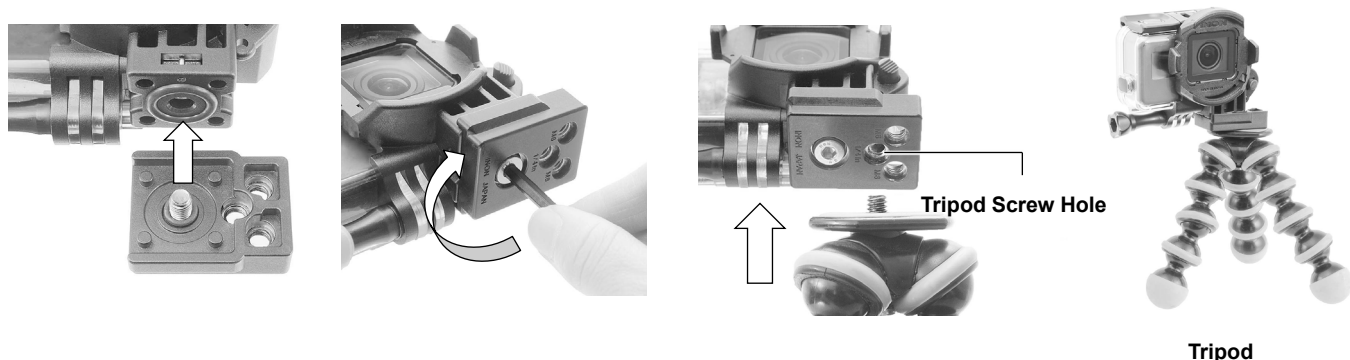
「Grip Base D4(D Base SPS)」 via packaged 「Mount Adapter」

Attach the packaged 「Mount Adapter」 on the bottom of this product as in below images. Fasten it by pre-installed M6 Screw on the Mount Adapter firmly screwed into M6 Screw Hole by using supplied Allen Wrench (WAF: 4mm). Optional 「Grp Base D 4」 is attached at “tripod screw hole”(1/4 in.) on the 「Mount Adapter」. First make the 「D Base SPS」 as same configuration as in below center right image, and refer to the instruction manual of the 「Grip Base D4」 "When directly attaching on a Housing" section to attach it on this product.



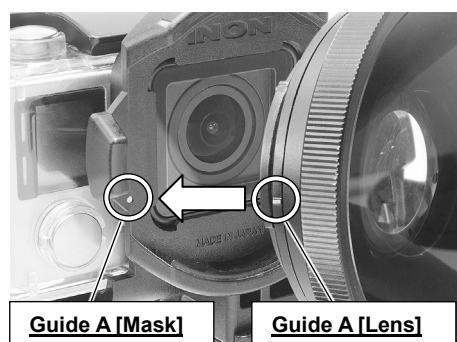
「Monopod」 「Tripod」 via packaged 「Mount Adapter」

Attach the packaged 「Mount Adapter」 on the bottom of this product as in below images. Fasten it by pre-installed M6 Screw on the Mount Adapter firmly screwed into M6 Screw Hole by using supplied Allen Wrench (WAF: 4mm). A tripod etc. can be attached at Tripod Screw Hole (1/4in. screw hole) on the Mount Adapter.



INON attachment lens, 『UFL-G140SD』/『UCL-G165 SD』

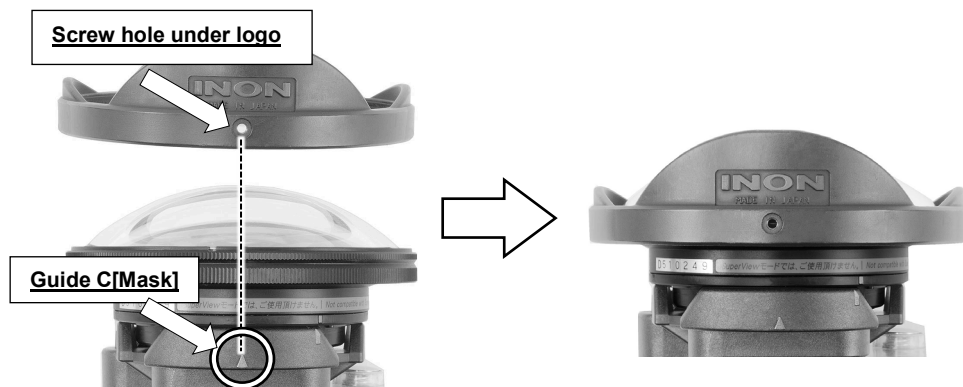
- Match 『Guide A』 [Lens] with 『Guide A』 [Mask] as in below left image and put the male bayonet mount of the lens in the SD bayonet mount of this product.
- Rotate the lens clockwise until 『Guide A』 [Lens] is coupled with 『Guide B』 [Mask] where you should feel and hear clicking.
- When remove the lens, with pressing the 『Lock Button』, rotate the lens counterclockwise.



- Once submerged, remove the lens underwater and shake it well to drop trapped bubbles especially from the rear lens surface then install the lens on the SD Front Mask again following same procedure.

Lens Hood (UFL-G140SD)

- Attach the lens on the **SD Front Mask before to install the lens hood.**
- As shown in the below image, put the lens hood on the lens all the way until the screw hole under “INON logo” aligns with the 『Guide C』 on the SD Front Mask. Make sure to put the lens hood all the way down to the end. Misalignment or incomplete installation will cause vignetting.
- Lightly and evenly tighten hollow screws diagonally without changing the lens hood position by supplied Allen Wrench. Too much or uneven tightening will damage the lens hood.



Maintenance

- Whenever installing a cap screw, make sure to apply a thin film of grease on the edge of the threaded screw shaft to prevent anchoring due to salt build-up.
- After using, soak in fresh water to dissolve remaining salt or remove dirt and dry it in shaded and well-ventilated area. Never apply flame or direct heat to this product or damage may result..
- DO NOT** clean with organic solvent like alcohol, benzene or thinner and oil and fat containing/chemical material like rust inhibitor, lubricant, polish, detergent(especially alkaline detergent) to avoid damage/deformation/degradation of this product.
- Remove the SD Front Mask from the housing when not using more than one week to avoid damage/deformation of combined product resulting from continuous pressure.



Handling precautions

- Please note that camera/housing manufacture has no concern with installation of this product on housing. **DO NOT** inquire camera/housing manufacture about the installation. Also please note that you have to take full responsibility for the installation.
- The installation of this product may void camera/housing warranty even warranty period has not yet expired. Please check camera/housing user manual/warranty certificate for detail of warranty condition of your camera/housing.
- INON Inc. cannot take any responsibility for any trouble/damage (damage to housing/housing accessories /camera) resulting from the installation.
- Please perform the installation only if you can accept above conditions.**

Options

▪ UFL-G140 SD Underwater Semi-fisheye Conversion Lens

An underwater semi-fisheye conversion lens to use with this product to increase native coverage of GoPro® camera underwater which becomes 94 degrees comparing to wide 150 degrees in air to 『approx. 140 degrees』 even underwater. The lens also shortens minimum focusing distance to capture a subject from only a few centimeters away for dynamic CFWA image/clip.



▪ UCL-G165 SD Underwater Wide Close-up Lens

An underwater wide close-up lens to use with this product to drastically shorten minimum focusing distance to enable close-up/high magnification imaging which wouldn't be possible only with GoPro® camera. This lens is designed to widen native underwater coverage of GoPro® camera 94 degrees to 『approx. 110 degrees』 to have more depth of field not as like a standard close-up lens.



▪ Direct Base III

A ball-joint adapter to hold various arm products with optional clamp at bottom of this product.



▪ Z Adapter MV

A ball-joint adapter attachable on the bottom of this product. Since the ball-joint is designed with an angle against its base, the ball-joint can be installed at different angles by rotating the adapter.



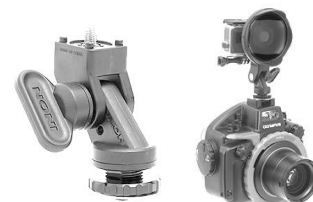
▪ Z Joint

An adapter attachable on the bottom of this product to attach on the “[YS Adapter] compatible arm” products such as [Shoe Base], [D Holder] or [YS Adapter MV] etc.



▪ Shoe Base Set

A set of [Shoe Base] and [Z Joint] connecting this product on an underwater housing or on an INON Mount Base at its cold shoe



▪ D Holder

Optional grip holder to add INON arm system on the left side to hold a LED flash light etc. It also supports you to hold and carry the whole system by single hand comfortably.



- Grip Base D4
Equipped with INON unique “SPS(slide plate system)” for broad compatibility supporting direct installation on more than 100 underwater housings including this product. Multiple lighting system is easily established with an additional 「D Holder」.



- Mount Adapter for SD Mount Base/SD Front Mask
A set of ⑭⑮⑯⑰ in the packaged accessory shown on the first page of this manual.
- Male Adapter (GoPro®)
A set of ⑩⑪⑫ in the packaged accessory shown on the first page of this manual.

| INON SD Front Mask for HERO5/6 Specifications [*1] | |
|--|--|
| Model | SD Front Mask for HERO5/6/7 |
| Size (※excluding protruded parts) | 67.9mm/2.7in.(W)×82.3mm/3.2in.(H)×39.0mm/1.5in.(D) |
| Weight | 40g/1.4oz (air) / approx.15g/0.5oz (underwater) |
| Material/finishing | PC, POM etc. |

*1 Subject to change without prior notice

*2 GoPro, HERO are trademarks or registered trademarks of GoPro, Inc.

INON Inc.
2-18-9, Dai, Kamakura,
Kanagawa 247-0061 JAPAN
E-mail support@inon.co.jp
Fax. +81(0)467-48-2178
URL http://www.inon.jp/

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