

LIGHT-FOR-ME

Underwater Video Set for GoPro¹ camera User's manual

Light-for-me underwater video set for GoPro consists of:

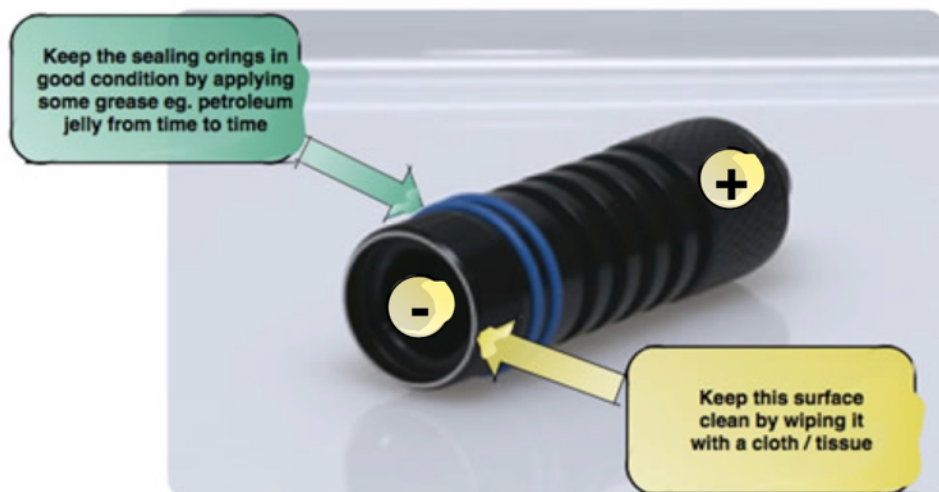
- 2 video light MINI 3XPG
- 2 bezels with ball joints
- 2 butterfly connectors
- 2 ball joints attached to a goodman handle
- 1 goodman handle
- 1 set of screws



The set is designed to be used underwater.

The set does not include any batteries. Two 18650 Li-Ion batteries are required (one per each light).

The battery should be put into the backup's body with the sign – (minus) to the head and with the sign + (plus) to the inner part of the body (see the drawing). Placing the battery the other way may cause complete and irreversible damage to the light diode.



¹ Underwater Video Set can be used with other cameras providing their housing fits the space on the goodman handle.

Before every diving check the condition of orings that seal the body of the video light. The oring sealing the body to the head should be lightly smeared with technical petroleum jelly or other nonaggressive mean (e.g. vaseline, handcream) which makes it easier to operate the light underwater and makes it watertight.

From time to time clean the surface that touches the inside of light head (marked in the drawing).

While slowly twisting the body to the head make sure the sealing orings are correctly placed in their position and are not twisted or sticking out.

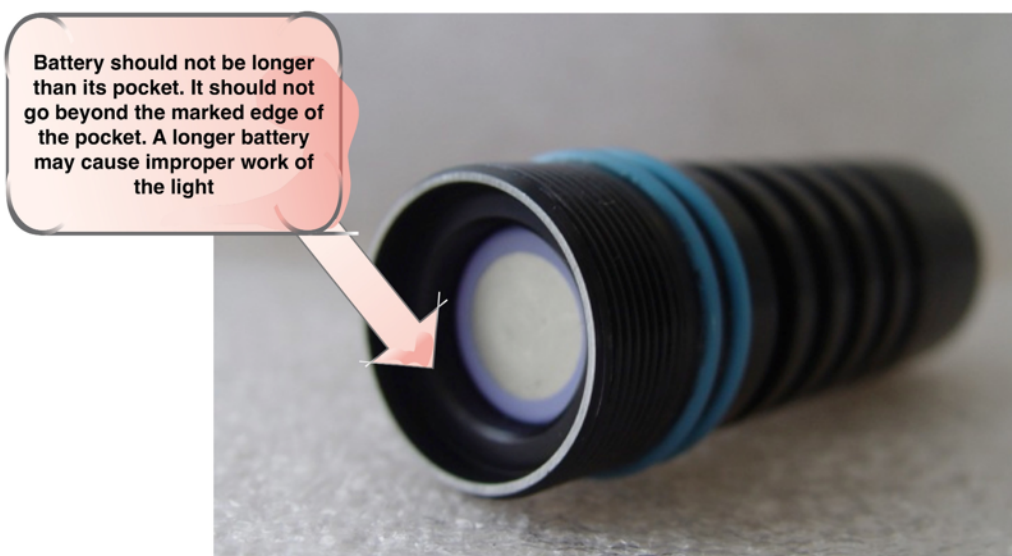
In case of flooding the torch: the head should be unscrewed, the battery removed, the inside should be rinsed with fresh lukewarm water and the torch should be left unscrewed for the time of at least 72 hours. The head should be directed with the glass downwards while drying.

The flooding of the head may result in lowering the power of emitted light.

Recommended 18650 Li-Ion batteries:

Samsung ICR 18650, min 2600mAh

Panasonic NCR 18650B 3400mAh (see drawing)

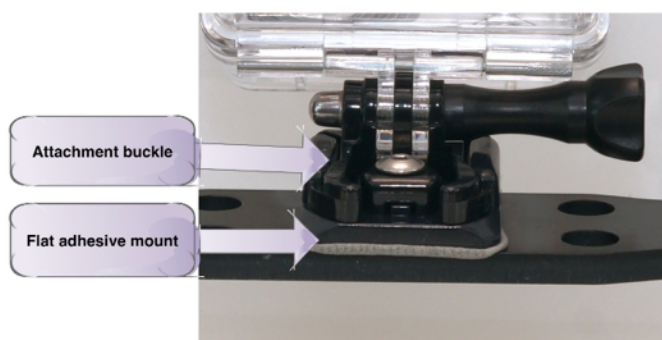


Assembling the camera's housing.

The set does not include any housing, camera or its accessories. The camera's housing may be attached to the set on different ways - depending on one's own decision and used housing. The idea given below is only a suggestion on how to assemble a GoPro housing.

Slide the attachment buckle into the flat adhesive mount (both parts are GoPro accessories), check where you should drill a hole, so that it is exactly in place with the centre hole in the Goodman handle.

Drill a hole (drill size #4) through the buckle and adhesive mount and assemble the whole to the Goodman handle with the screw provided with the video set.



The above given assembling way is only a suggestion and we do not take any liability for any damages done to the GoPro housing or accessories.

Using the Underwater video set

To switch the video light on twist the body right (clockwise direction).

To switch the video light off slowly twist the body left, stop twisting when the light goes off. Continue to twist the body may result in water entering the light and flooding it.

Familiarize yourself with the set before entering the water.

Lights' position may be adjusted with the butterfly connectors also underwater.

Do not lock / twist the butterfly connectors too tight, as it may damage them.

After diving in salt water, rinse the set well in fresh water. Make sure you do not flood the video lights. Dry the set completely.

Storage of the Underwater Video set

Store the set in dry and clean place. Video lights should be stored with bodies slightly twisted to the head but without the batteries.

Butterfly connectors should be locked slightly or, if possible loosened.

Batteries should be used, stored and charged according to their manual.

Camera, housing and accessories should be used, stored and maintained according to the manual provided by its manufacturer.

18650 Li-Ion battery

Characteristics:

- cylindrical lithium-ion cell
- nominal voltage around 3.7V
- positive terminal nub at one end and flat negative terminal at the other
- available with an internal protection circuit to prevent over-discharge and short-circuit damage
- for safety reasons recharging requires use of chargers specified for these cells
- dimensions: 18.3mm x 65.2mm (diameter x length)
- no memory effect and no scheduled cycling required to prolong the battery's life
- high capacity
- stable discharge voltage
- high voltage / light weight battery



The above photos are only exemplary. They may slightly differ from actual product appearance.