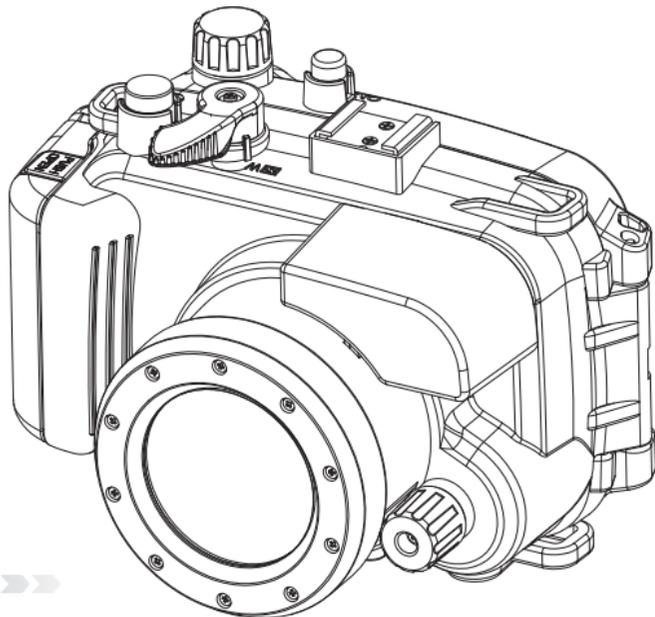


MONOPRICE®

Waterproof Camera Dive Housing **FOR SONY RX100**



PID 10603



User's Manual

- Please ensure that you read this guide before using the Waterproof Case
- Store this guide safely so that you can use it in the future.

Checking the Package Contents

Check if the following items are included in your Waterproof Case package. If anything is missing, contact Monoprice Customer Service for a replacement.

- Waterproof Case with Installed Waterproof Seal and Tethered Flash Diffuser
- Neck Strap
- Wrist Strap
- Silicone Grease for the Waterproof Seal
- Silica Gel Dry Packs
- Spare Waterproof Seal
- User's Manual

Read This First

Before you use the Waterproof Case, make sure it is functioning correctly and does not leak. To check for leaks, close the camera case before putting the camera in and hold it under water at an approximate depth of 5.9 inches (15cm) for about three minutes. If it leaks, contact Monoprice Technical Support for assistance.

Disclaimer

- Monoprice reserves the right to change the contents of this guide at any time without prior notice.
- Illustrations and screenshots in this guide may differ slightly from the actual equipment.
- Monoprice, its subsidiaries, and distributors of the Waterproof Case are not liable for any damages due to misuse of the case.
- Please also carefully read the *Camera User Guide* supplied with your camera.
-  : Things you should be careful about.
-  : Hints for getting more out of your Waterproof Case.
- The various types of memory cards that can be used in the camera are collectively referred to as memory cards in this guide.

Safety Precautions

- Before using the Waterproof Case, please ensure that you read the safety precautions below. Always ensure that the Waterproof Case is operated correctly.
- The safety precautions noted on the following pages are intended to prevent injuries to yourself and other persons, or damage to the equipment.

 **WARNING** Denotes the possibility of serious injury or death.

 **CAUTION** Denotes the possibility of injury.

NOTICE Denotes the possibility of damage to the Waterproof Case and Camera

WARNING

Do not use the Waterproof Case as a personal flotation device (such as a life preserver).

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Do not use the neck strap under water.

Remove the neck strap and attach the wrist strap before using the Waterproof Case underwater. Using the neck strap may cause it to become wrapped around the neck and result in strangulation or other injuries.



CAUTION

Immediately turn off the camera if the Waterproof Case leaks.

Leaks could result in fire or electrical shock. Thoroughly wipe the Waterproof Case interior and the camera dry and contact Monoprice Technical Support for assistance.

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NOTICE

Be careful of condensation.

Moving the Waterproof Case rapidly between hot and cold temperatures may cause condensation (water droplets) to form on its internal surfaces. If this occurs, stop using the camera as the condensation may cause a malfunction. Remove the camera, and wipe off the condensation from the case and camera with a soft, dry cloth so that it is completely dry.

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Be sure to remove the camera after using the Waterproof Case.

Leaving the camera in the Waterproof Case and placing it in direct sunlight or other places subject to high temperatures may result in fire, or cause the case to burst.

The following actions could result in leakage:

- **Do not insert the camera with the strap attached.**
 - **Do not press the buttons or lever with unnecessary force when using the case underwater.**
 - **Do not damage the waterproof seal, or allow dirt to accumulate between the waterproof seal and the case.**
 - **Do not disassemble or modify the Waterproof Case.**
-

The following actions may warp the case and cause malfunctions:

Avoid using or storing the Waterproof Case in the following places.

- **Depths exceeding 130ft. (40 m).**
- **Places subject to temperatures above 104°F (40°C).**



Avoid placing, or storing the Waterproof Case in the following places.

- **Places subject to strong sunlight.**
- **Humid or dusty areas.**
- **Near substances such as naphthalene or insecticides**

Do not drop or throw the waterproof Case.

The above actions may warp the case and cause malfunctions.

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Use only the supplied silicone grease or an exact replacement.

Use of other waterproofing products may impair the strength of the Waterproof Case.

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Waterproof Seal

- Debris stuck to the waterproof seal may cause water leakage. The presence of even a single strand of hair or a tiny grain of sand in the seal can cause leaks.
- If you notice that the waterproof seal is damaged or cracked, stop using the case immediately and contact Monoprice Technical Support for assistance.
- When storing your Waterproof Case, keep it open to prevent the waterproof seal from deforming and to maintain its waterproof capabilities.
- Protect the waterproof seal from dust and scratches during storage.



To ensure that the case remains watertight, you should replace the seal approximately once a year.

Check the Monoprice website for replacement seals and additional silicone grease.

▶ Introduction

Thank you for purchasing this waterproof case. This manual explains not only how to use the waterproof case, but also includes important precautions regarding its use. Please read this manual carefully before you use the waterproof case and retain it for future reference.

Before you use the waterproof case, check that it is functioning correctly and does not leak. Refer to *Preparing The Waterproof Case* for details. (P9)

Monoprice shall not be liable for any consequential damages arising from corrupted or lost data due to mistaken operation or malfunction of the waterproof case, the camera, the battery pack, or the memory card, which results in the failure of a movie or photo to be recorded.

►► Safety Precautions

The precautions described below are for ensuring safe use of the Waterproof Case and for preventing danger and injury to yourself and others.

- While using the Waterproof Case underwater, pay close attention to your current situation at all times. Failure to do so may lead to an accident.
- In the event that the Waterproof Case breaks or leaks, remain calm and surface according to usual safety conventions.
- After you use the Waterproof Case, be sure to remove the camera. If you leave the waterproof case containing the camera in direct sunlight or in a high-temperature place, this may cause a fire or the case to burst.
- Do not use the Waterproof Case as a personal flotation device (life preserver).
- Do not use the Waterproof Case at water depths exceeding 130 ft. (40m). This may cause an accident, present a burn hazard, or cause the case to leak.
- When in the water, do not press the lever of the Waterproof Case with unnecessary force. This may warp the casing and cause leak.
- When cleaning the Waterproof Case, do not spray water under pressure at the waterproof seal. This may cause an accident, present a burn hazard, or cause the case to leak.
- Do not disassemble or modify the waterproof case. This may cause an accident, present a burn hazard, or cause the case to leak.

- Do not damage the waterproof seal, scratch its contact surfaces, or allow, hair, sand, dirt, or other debris to accumulate between the waterproof seal and the case. This may cause an accident, present a burn hazard, or cause the case to leak.
- Do not use the waterproof case in water at temperatures above 104° F (40° C). This may cause an accident, present a burn hazard, or cause the case to leak.
- Do not leave the waterproof case in direct sunlight, inside a car in hot weather, or near a heater. This may cause an accident, present a burn hazard, or cause the case to leak. Cover it with a towel, for example, if you have to leave it in the sun.
- Do not subject the waterproof case to shocks. The lens window may shatter, which can lead to injury.
- Before installing the camera in the waterproof case, remove the wrist strap and any other optional accessories, from the camera.

▶ Handling Precautions

1. Avoid opening or closing the Waterproof Case near water. When you are installing the camera or changing the memory card or the battery pack, choose a place with low humidity well away from salty sea air.
2. Use only the supplied silicone grease. Use of other waterproofing products may impair the strength of the Waterproof Case. If any other waterproofing product is mistakenly applied, wipe it off immediately.
3. Before going into or getting out of the water, handle the Waterproof Case carefully in order to prevent damage or loss.
4. Avoid using the Waterproof Case for long periods of time in hot temperatures because its interior will become hot, which can damage the camera. When using the case on hot sunny days, do not leave the waterproof case in direct sunlight. Also, turn off the camera regularly.
5. Remove sand and debris from the spaces surrounding the buttons and zoom lever by rinsing them with water. Do not use the buttons or zoom lever while sand or debris is present.
6. Battery life is reduced in cold temperatures. When you use the waterproof case in very cold places, keep it warm by putting it in a bag whenever you are not shooting. It is not advisable to use the waterproof case in temperatures below the freezing point.

7. Moving the waterproof case rapidly between hot and cold temperatures may cause condensation (water droplets) to form on its internal surfaces. If this occurs, stop using the camera immediately, wipe off the condensation from the waterproof case and the camera with a soft and dry cloth, and wait about two hours before resuming use.

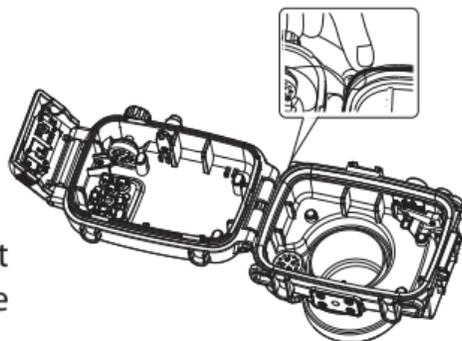
► About Water Leakage

If the waterproof case leaks, stop using the camera immediately. Do not use it in this state under any circumstance. If you use the camera in this state, this may cause a fire, electric shock, or injury. Remove the battery pack and thoroughly wipe the waterproof case interior and the camera until they are dry.

► Notes Regarding The Waterproof Seal

Because the waterproof seal is designed to ensure that the waterproof case remains waterproof, it is important that you observe the following:

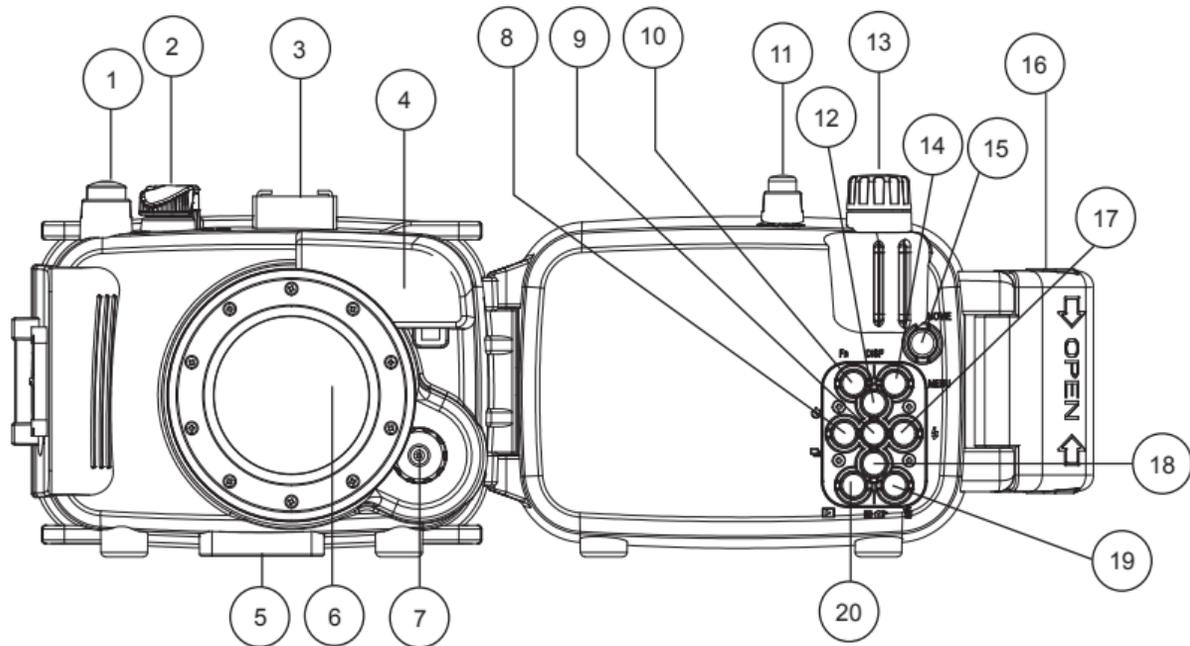
- Perform a rolling motion with your fingertip to remove the waterproof seal from the waterproof case so you do not damage the seal. Do not dig your fingernails into it or use pointed or metallic objects to remove it.
- Do not forcibly pull the waterproof seal. Forcibly pulling the seal may overstretch it, which may cause the waterproof case to not close properly, resulting in leaks.
- While attaching the waterproof seal, do not forcibly twist or pull the seal. Extreme care should be taken to ensure the waterproof seal is level around the mounting groove. Please check to ensure that the waterproof seal is working.



- Make sure you check the waterproof seal before use. Debris (e.g. hair, sand, lint or dirt) stuck to the waterproof seal may cause leaks. Even a single strand of hair or a tiny grain of sand caught in the seal can cause leaks.
- Be careful not to apply too much of the supplied grease. Applying too much grease to the seal may cause leaks (about a droplet is sufficient).
- Use your fingers to apply grease to the seal. Do not use paper or cloth.
- A damaged or cracked waterproof seal may cause leaks. You can purchase replacement waterproof seals and additional silicone grease from Monoprice.



Names of Parts



1. Shutter Button

5. Bracket Hole

9. Set Button

13. Mode dial

17. Control Dial/Right

2. Zoom Lever

6. Lens

10. Fn Button

14. MENU Button

18. Control Dial/Down

3. Hot Shoe

7. Control Ring

11. Power On/Off

15. Video Button

19. Delete Button

4. Light Shield

8. Control Dial/Left

12. Control Dial/Up

16. Safety Lock

20. Play Button

►► Preparing The Waterproof Case

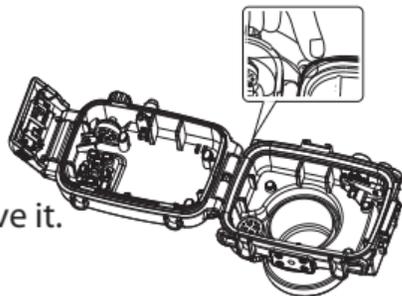
Before securing the camera in the waterproof case, check over the waterproof case to make sure there are no problems.

1. **Check the waterproof case**

Make sure the exterior is not damaged and the lens window is not dirty.
If it is dirty, gently wipe it with a soft and dry cloth.

2. **Remove the waterproof seal from the mounting groove**

Before the first use and after each successive use, perform a rolling motion with your fingertip to remove the seal. Do not dig your fingernails into it or use pointed or metallic objects to remove it.



3. **Check the waterproof seal and mounting groove**

- * Make sure there is no debris (e.g. hair, sand or dirt) attached to the seal or in the mounting groove.
- * To remove debris from the seal, put about a droplet of grease on your index finger, hold the seal between your index finger and thumb, and slide your fingers around the seal.
- * Make sure the seal is not cracked or damaged. If the seal is damaged, replace it.

4. **Apply grease to the entire waterproof seal then attach the seal**

- * Before the first use and after each successive use, put about a droplet of grease on your index finger, hold the seal between your index finger and thumb, and slide your fingers, around the seal so the grease is applied evenly.
- * Do not to damage the seal when applying the grease.
- * Do not forcibly pull the seal when putting it in the mounting groove.

5. **Close the waterproof case**

Seat the camera securely inside the case before closing it.

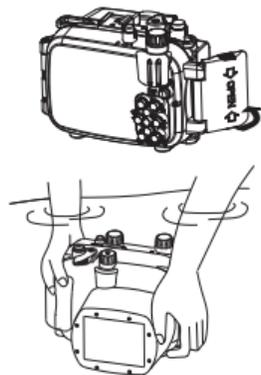
6. **Hold the waterproof case in water**

Submerge the waterproof case slowly in a tub filled with water and make sure there are no leaks.

7. **Wipe the exterior of the waterproof case with a soft, dry cloth**

i NOTES

When using commercially available anticondensation products, the anticondensation solution should be applied only to the inside surface of the lens window using a soft, dry cloth. If the solution comes in contact with any other surface, wipe it off immediately as it could lead to deterioration of the waterproof case.



▶▶ Preparing The Camera

Set the camera's recording program to [underwater] to ensure your recordings have natural looking colors with toned-down blues.

Before using the camera underwater, make sure you save your important recordings to a computer. See saving and sharing your recordings in the camera's instruction manual.

1. Insert a memory card (if necessary) and attach a fully-charged battery pack

2. Remove the grip belt and the optional wrist or shoulder strap, if attached

3. Turn on the camera and change in advance the camera's settings as necessary

- * Set the recording program to [underwater]. See Special Scene Recording program in the camera's instruction manual
- * Check that the image stabilizer is set to [Dynamic]. See Advanced Image Stabilization in the camera's instruction manual.
- * Check that simultaneous recording is not turned off if you want to take photos with an aspect ratio of 16:9 while you record movies. See Taking Photos While Recording Movies (Simultaneous recording) in the camera's instruction manual.
- * Check that the wireless controller is not turned off if you want to access menus and settings while the camera is secured in the waterproof case. See [Wireless Remote Control] under the system setup menu in the camera's instruction manual.

* If necessary, adjust the LCD's brightness. See Adjusting The Position and Brightness of the LCD Screen in the camera's instruction manual.

4. Turn off the camera

ⓘ NOTES

For important details about the camera's settings and restrictions while the recording program is set to [underwater] or [surface], see the Power/Others section of the specifications in the camera's instruction manual.

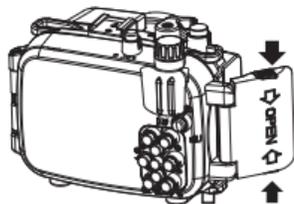
►► Securing The Camera in the Waterproof Case

The camera must be secured in the waterproof case before recording underwater. Perform the following procedure to secure the camera properly.

1. Open the waterproof case

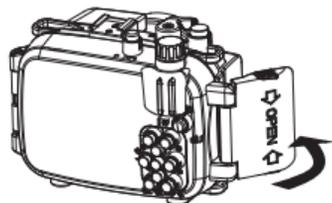
Squeeze the recessed buttons on each side of the cover latch.

- * Release the catch
- * Open the case



2. Insert the camera

- * Ensure the camera is off.
- * Gently insert the camera into the case.
- * Insert a new silica gel dry pack into the case to absorb any moisture that might accumulate.



3. Close the waterproof case

- * Close the case securely, make sure that the waterproof seal and its contact surfaces are free of debris (e.g. hair, sand or dirt). Even a single strand of hair or a tiny grain of sand caught in the seal can cause leaks.
- * Fasten the catch

4. Make sure the buttons and zoom lever are operating correctly

* If they are not operating correctly, remove the camera from the waterproof case and install the camera again.

5. Attach the wrist strap to the waterproof case

Testing the waterproof case

Before recording, it is important to make sure the waterproof case is functioning correctly and does not leak. Hold the waterproof case in a tub filled with fresh water for 5 to 10 seconds. Remove the waterproof case and then hold it underwater again for 30 seconds to 1 minute. Finally, remove the waterproof case and hold it underwater again for 3 to 5 minutes, pressing the buttons and moving the zoom lever to check for leaks.

▶▶ Recording Movies and Taking Photos

After the camera is secured in the waterproof case, you are ready to start recording movies and taking photos

1. Turn on the camera

* Press "POWER"

* The ON/OFF(CHG) indicator on the camera will light up in green.

2. Make a recording

* Press "START/STOP" to begin/end recording a movie or "PHOTO" to take a photo.

* Use the wrist strap and hold the waterproof case with both hands.

3. Turn off the camera

* Press "POWER"

* The "ON/OFF(CHG)" indicator on the camera will go out.

[Changing the camera's setting while it is secured in the waterproof case.]

While the camera is secured in the waterproof case, most settings can only be accessed using the camera's wireless controller. Make sure your hands are dry when you use the wireless controller.

- 1. To switch between recording and playback mode:** Press and hold  on the wireless controller for more than 2 seconds.
- 2. To switch the recording program between [Underwater] and [Surface]:** Turn on the camera while holding  pressed down.

▶▶ Removing The Camera

Make sure you wash the exterior of the waterproof case before removing the camera

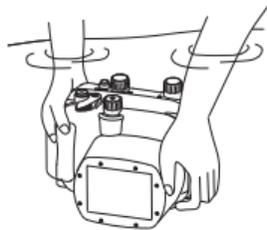
1. Make sure the catch is securely closed

2. Wash the exterior of the waterproof case in fresh water

- * Put the waterproof case in tub of fresh water (for example, tap water that is 86° F (30° C) or less).
- * Clean the waterproof case by moving it back and forth, up, down, left, and right at least 10 times.

3. Wipe the exterior of the waterproof case with a soft, dry cloth

4. Open the waterproof case to remove the camera



▶▶ Cleaning The Waterproof Case

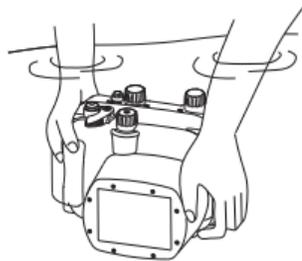
Make sure you clean the waterproof case and waterproof seal as soon as possible after use.

1. Close the waterproof case

Make sure the catch is securely closed.

2. Wash the exterior of the waterproof case in fresh water

- * Put the waterproof case in a tub of fresh water (for example, tap water that is 86° F/30° C or less).
- * Clean the waterproof case by moving it back and forth, up, down, left, and right at least 10 times.
- * Press the buttons, move the zoom lever, and remove any debris (e.g. hair, sand or dirt) on the exterior.



If the waterproof case was used in salt water, let it soak in fresh water for several hours to remove salt deposits. If salt deposits remain on the waterproof case, metallic parts may rust or buttons may become harder to press.

3. Remove the waterproof case from the water

Make sure no debris remains on the exterior.

4. Wipe the exterior of the waterproof case with a soft, dry cloth and open the case

5. Remove the waterproof seal and remove any debris on it, its contact surfaces, and the mounting groove

To remove debris from the seal, put about a droplet of grease on your index finger, hold the seal between your index finger and thumb, and slide your fingers around the seal. Use a cotton swab or similar item for the other surfaces.

6. Wipe the interior and exterior of the waterproof case with a soft, dry cloth

Do not wash the interior with water and do not use cloth that may leave lint. Also, do not use a cloth to wipe the mounting groove or contact surfaces as it may leave small bits of thread in the groove or on the surface.

7. Let the waterproof case dry in a shaded place

ⓘ IMPORTANT

Do not leave the waterproof case in direct sunlight. This may cause discoloration of the case or cause the waterproof seal to degrade more quickly.

▶▶ Checking The Waterproof Seal

Check the waterproof seal before each use, after recording in a sandy environment or when you have not used the waterproof case for an extended period of time.

1. Remove the waterproof seal and wipe off the grease

To wipe off the grease, hold the seal between your index finger and thumb, and slide your fingers around the seal.

2. Check the waterproof seal

Make sure there are no cracks, scratches, or deformities. Also, make sure there is no debris (e.g. hair, sand or dirt) on it.

3. Check the mounting groove on the waterproof case

Make sure there is no debris in the mounting groove.

Replacing the waterproof seal

We recommend that you replace the waterproof seal once a year to ensure that the waterproof case remains waterproof. Check the Monoprice website for replacement seals and additional silicone grease.

▶▶ Storing The Waterproof Case

- Keep the waterproof case open when storing it. This will prevent the waterproof seal from deforming, thus ensuring that the waterproof case remains waterproof.
- Do not store the waterproof case in hot, cold, or humid places, or near substances such as naphthalene or insecticides.
- Do not store the waterproof seal in a place in which it can accumulate dust or become scratched.
- If you do not plan to use the waterproof case for over a month, remove the waterproof seal and wipe off the grease. To wipe off the grease, hold the seal between your index finger and thumb, and slide your fingers around the seal. Place it in a clean plastic bag and make sure weight is not placed on it during storage. Also, make sure it is not twisted when stored.
- If using the waterproof seal after it has been in storage, make sure that it is not deformed, cracked or otherwise damaged. If it is damaged, do not use it under any circumstance.

► Specifications

Maximum Depth: 130 ft. (40 m)

Waterproofing: Waterproof seal

Main Materials: PC, Clear plate glass, EPDM rubber, O-ring, etc.

Filter Diameter: 55mm

Dimensions: 6.1" x 5.0" x 4.8" (156 x 126 x 121 mm)

Weight: 14.8 oz (420g)

Camera Operating Temperature: +32 ~ +104° F (0 ~ +40° C)

 www.monoprice.com

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