# User Manual

# What's Inside

IRIS4G
Diving Housing
Battery
Flat/Curved Surface Mount
Skeleton Backdoor
SIM Card Needle
USB Cable
Lens Cleaning Cloth
User Manual

# The Basics

**Parts and Controls**

1. Power Button
2. Shutter Button
3. Charge Light(Red)
4. Share Light (Live Stream/Hotspot) (Green)
5. Share Button
6. USB/MHL Port
7. Headset Jack

8. SD Card Slot

9. SIM Card Slot

10. Microphone

11. Battery Slot

12. Touch Screen

13. External Antenna Contactors


1. Home Button

2. Setting Button

3. I/O Port Cover

4. Spare Battery Contactors


## Power and Screen on/off

Power on: keep pressing power button to turn on IRIS4G while camera is off

Power off: Keep pressing power button to turn off IRIS4G while camera is on

Screen on: Click power button while camera is in use

Screen off: Click power button while camera is screen on


## Shortcut

Press Share Button: Enable camera hotspot

Keep pressing Share Button: Start Live Streaming

Tap Setting Button in Non IRIS4G interface: Adjust Volume


## Charging

1. Connect Sioeye Charger with a USB Charger

2. Open the battery slot, take out the battery

3. Put battery into Charger to start charging

**OR**

1. Open the I/O cover.

2. Insert USB cable in USB/MHL Port.

3. Charge the battery by connecting IRIS4G USB Cable with a charger or a computer.

During the charging process, indicator light will turn on.

When the charging process is completed, the indicator light will turn off.


## Inserting Battery

1. Slide the button aside the battery slot to unlock the slot.

2. Open the cover.

3. Place the battery pack properly, confirming each side is facing the correct direction.

4. Press battery slot, the cover will be closed automatically.


## Inserting Memory Card

1. Open the I/O cover.

2. Insert the memory card properly,confirming each side is facing the correct direction.

1. Open the I/O cover.
2. Insert the SIM card properly,confirming each side is facing the correct direction.
3. When taking out the SIM card, use the SIM Card needle to open the SIM card slot.
4. SIM Card will be ejected automatically.

NOTICE:

Antenna is electrostatic sensitive area, when testing electrostatic discharge, Loss of function is allowed, provided the function can be restored by the operation of the controls by the user in accordance with the manufacturer's instructions. If possible, please do not touch the antenna area on your camera.

# Getting Started

**Gestures**

Swipe Left

Swipe Right

Swipe Up

Swipe Down

# Camera Mode

Swipe left in Video Mode (default) to jump to Camera Mode.

Swipe up/down to select the mode, tap the selected mode to turn it on.

Seven Camera Modes are available: Capture, Video, Live Steaming, Time Lapse, Slo-Mo, Burst and Panorama.

| Camera Mode | Description |
|---|---|
| Video (default) | Capture videos |
| Capture | Shoot photos |
| Live Streaming | Live streaming your action to Sioeye Live or Youtube |
| Time Lapse | Video time appears to be moving faster, every 3 or 5 or even 10 seconds action will be compressed down to 1 second. |
| SLO-MO | Video will be played 4 times slower than normal ones |
| Burst | Up to 30 photos can be captured in quick succession |
| Panorama | Shoot 360 degree panorama pictures |

# Gallery

Swipe up in any Camera Mode to jump to Gallery.
In Gallery, the footage can be browsed, played or deleted.

**How to Start**
- Swipe left/right to browse video or picture.

- Tap  to play video or burst photos.

- Tap  to delete video or photo. Choose "YES" todelete the item selected, choose "No" to return.

# Quick Settings

In any camera mode, tap Quick Settings button  in lower right corner of the screen to jump to Quick Settings.

Tap the Quick Settings button again to return to the previous Camera Mode.

In Quick Settings, swipe up/down to switchover settings; swipe left/right to go to the lower or upper menu. Tap any mode to start the mode.

| Quick Settings | Description |
|---|---|
| HotSpot | Turn on/off Hotspot to control the connection with Sioeye APP |
| Video Quality | Select the ideal video quality |
| Video Angle | Select the angle of video, wide or super wide |
| Image Size | Select the image pixels of photo |
| Time Lapse | Select the time lapse interval |
| Burst Rate | Select the number of burst photos in quick succession |
| Live | Select Live Streaming network |
| Cellular Data | Select to turn on/off cellular data |
| Trace | GPS data will be stamped in the video |
| Altimeter | Record real-time altitude of the action in the video |
| Speedometer | Record real-time speed of the action in the video |
| Up/Down | When IRIS4G rotates 180 degree, the screen will rotate 180 degree accordingly, making the view upside down. |
| Bluetooth | Pair IRIS4G to Bluetooth devices |

| | |
|---|---|
| Date & Time | Set system date and time |
| Account | To sign in/out Sioeye, Twitter or YouTube account |
| Storage Status | Display memory storage status. Disk also can be formatted in this setting. |
| Reset | Reset all settings to factory default |
| System Upgrade | Upgrade Sioeye software. |
| About | Display Sioeye company info and software version |
| Back | Quit settings |

# Button Mode

When IRIS4G is in the Diving Housing, the camera will switch to Button Mode automatically. In this mode, the touch screen cannot be used. Three physical buttons are available in Button Mode: power button, shutter button and share button. Please use IRIS4G with these physical buttons.

**Instructions:**

| Operations | Settings |
|---|---|
| Press power button | Browse settings |
| Press shutter button | Select setting |
| Press shutter button in video/capture mode | Shoot or record |
| Press share button | Start camera hotspot |
| Keep pressing share button | Start live streaming |

# APP Connection

**Search "Sioeye" in Google Play or App Store**

**Connection**
**Android**
**Initial Connection**
1.  Enter Quick Settings in IRIS4G enable "Hotspot", making a QR code pop up.
2.  Launch the Sioeye appon your smartphone.
3.  In the Sioeye app, tap 
4.  Scan the QR code generated by IRIS4G
5.  In the Sioeye app, select IRIS4G hotspot
6.  Once the connection is set up, 1 can be remote-controlled by your smartphone. You can

watch live actions or edit footage.

**Follow-up Connections**

1. Enter Quick Settings in IRIS4G to turn on Hotspot.
2. Launch the Sioeye app on your smartphone.
3. In the Sioeye app, tap  to select IRIS4G hotspot

If automatic connection failed, please scan the QR code again as illustrated in the Initial Connection instructions.

**iOS**

- Enter Quick Settings in IRIS4G enable Hotspot.
- Select "Sioeye SSID" in iPhone's Wi-Fi list.
- Input the password as it appears in IRIS4G

# System Upgrade

Before the Upgrade:
- Make sure a network connection is available.
- Software will be stored in the external memory card automatically. ONLY when out of external memory, the software will be installed in internal memory.
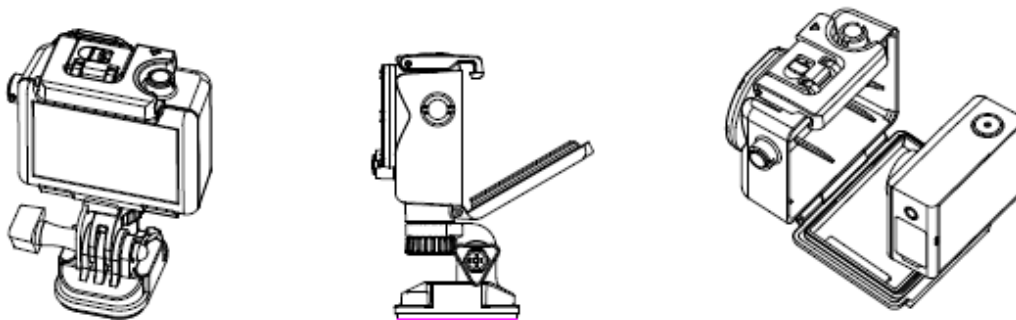
Instructions:
- Enter Camera Settings, select System Upgrade
- Tap to select System Upgrade, tap Install to initiate installment.
- When the upgrade is completed, the system will reboot.

NOTICE: If for any reason the downloading process is interrupted, the interrupted download can be easily resumed next time. Tap "Continue" to resume.
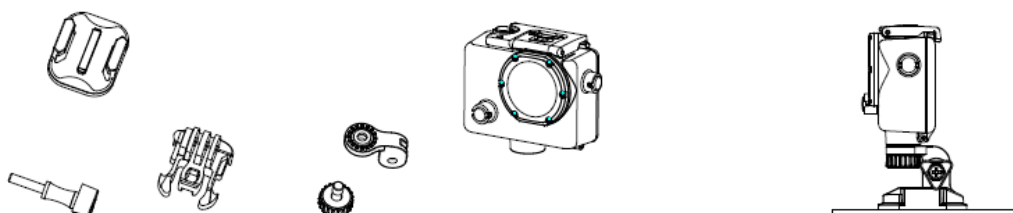
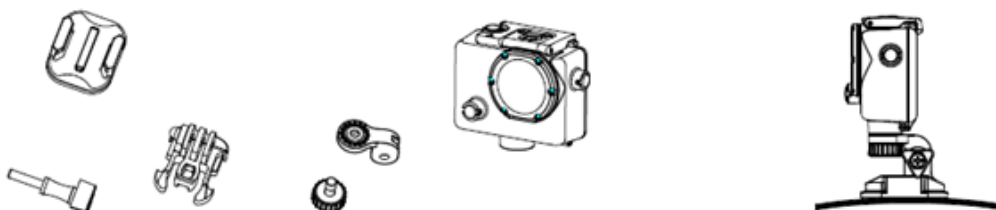# Enclosed Mountings

**Diving Housing**

**Instructions:**

1. To open the housing, slide and lift the buckle above the housing.
2. Put it  into the Diving Housing.
3. Clip the Housing front with the buckle.
4. Push down the buckle to snap the housing.
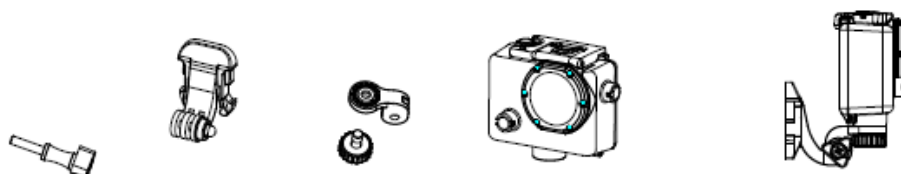5. Housing Mode will be appeared when installed successfully.
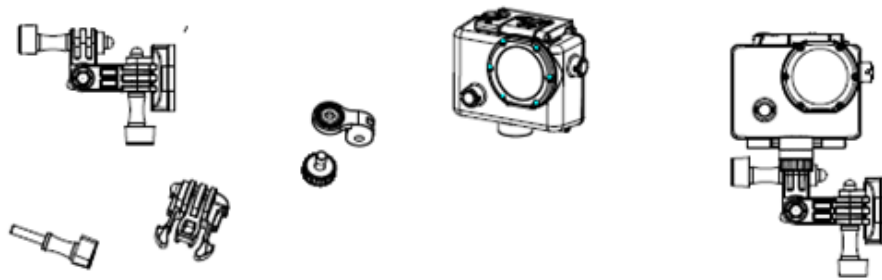
**Flat Surface Mounting**
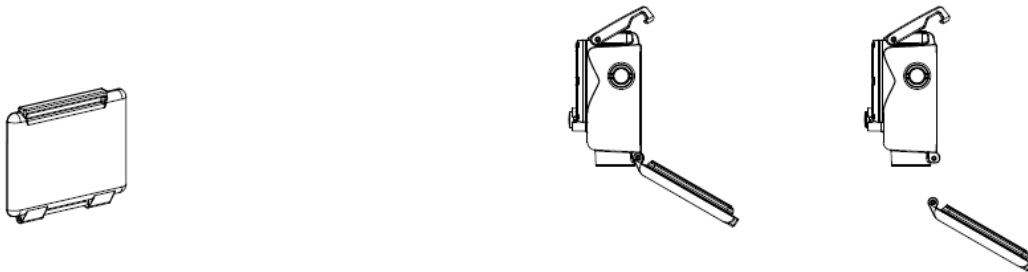


**Curve Surface Mounting**



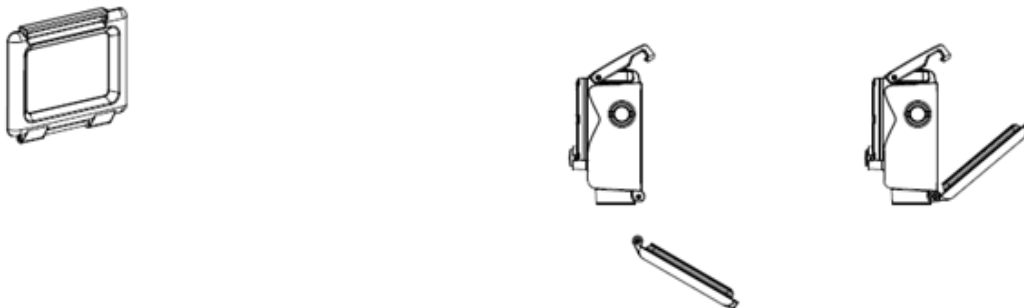**Vertical Mounting**

**Side Mounting**

**Backdoor for Water Housing**

**Standard Backdoor**

**Skeleton Backdoor**

**Instructions:**
1. Open the Diving Housing.
2. Pull down the Backdoor so it can be detached (Make sure the rotary union is detached).
3. Align a new Backdoor with the hinge.
4. Push up the Backdoor.
5. Clip the Water Housing.

The 15.19 statement is used. They should have used the one for Licensed devices: "This device complies with part 15 of the FCC Rules. Operation is subject to the condition that this device does not cause harmful interference."

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**NOTE:** This camera has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This camera generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this camera does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
-Consult the dealer or an experienced radio/TV technician for help

**RF Exposure Information (SAR)**

This device is designed and manufactured not to be exceeded the emission limits for exposure to radio frequency RF energy set by the Federal Communications Commission of the United States. The exposure standard for wireless devices employing a unit of measurement is known as the Specific Absorption Rate (SAR), and the SAR limit set by FCC is 1.6 W/kg.

*Tests for SAR are conducted using standard operating positions accepted by the FCC with the camera transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the camera while operating can be well below the maximum value. This is because the camera is designed to operate at multiple power levels so as to use only the poser required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

The highest SAR value for the camera as reported to the FCC when tested for use direct contact on the body, as described in this user guide, is 0.85W/kg , While there may be differences between the SAR levels of various camera and at various positions, they all meet the government requirement.

The FCC has granted an Equipment Authorization for this model camera with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model camera is on file with the FCC and can be found under the Display Grant section of http://www.fcc.gov/oet/fccid after searching on FCC ID: 2AE44IRIS4G. For body operation, this camera has been tested and meets the FCC RF exposure guidelines for use with an accessory that contains no metal and the positions with a minimum of 0.5cm from the body. Use of other enhancements may not ensure compliance with FCC RF exposure guidelines.