Action camera

User Manual

Made in China

CAUTIONS

- This is a 4K action camera, It is normal for the housing to exert heat under use.
- Don’ t expose the product directly to high temperatures over 45°C.
- Please properly protect well the lens and screen of camera after using.
- Keep it safe from falling and dropping.
- Keep it distance from any strong magnetic interference objects like electrical machine to avoid strong radio waves that might be damaging the product and affect the sound or image quality.
- In case of overheating, unwanted smoke from the device, unplug it immediately from the power outlet to prevent hazardous fire.
- Keep it safety from children while on charging.
- Stored the device in a cool, dry and dust free location.
- Do not modify the camera it in any way,if the camera has been detached,the warranty will be void.

THE BASIC

1 - Lens
2 - Flash Light
3 - Working Indicator
4 - 1.4-inch Front Screen
5 - 2.0-inch Rear Screen
6 - Working & Charging Indicator
7 - Shutter Button / Select Button
8 - Mode Button/ Power Button
9 - Bracket Hole
10 - Batter Door
11 - Speaker
12 - Built-in Mic
13 - HD Output Port
14 - External Mic/Data/Charging Port
15 - Up Button
16 - Down Button

Tips :

•Verify the camera is in **Video Mode**, Press and hold the **Up Button** seconds to turn on/off Wi-Fi.

•Verify the camera is in **Video Mode**, press shortly the **Down button** to switch between the front screen or the rear screen to display.

•Verify the camera is in **Video Mode**, press **Down button** for seconds to turn on/off 2.4G remote controller.

•Verify the camera is in **Photo Mode**, Press and hold the **Up Button** or **Down Button** to Zoom in/out photo.

GETTING STARTED

Welcome to your new camera. To capture video and photos, you need a micro SD card (sold separately).

■ STORAGE/MICRO CARDS

We strongly recommend to use the branded memory cards purchased from regular channels for maximum reliability

and stability during recording and in high vibration activities.

- **UHS-III rating at least for 4K Video resolution**
  (at least 60MB/S or above read and writing speed)
- Capacity up to 128GB (FAT32)

NOTES:

- Please format the micro SD,micro SDHC and micro SDXC memory card on the camera before using.
- Please insert the memory card in correct way . if not , the card slot maybe damage by the wrong way.
- To keep your micro SD card in good condition, reformat it on a regular basis.
- Reformatting erases all of your content, so be sure to offload your photos and videos first.
- Don’ t place your Micro SD card near strong magnetic objects to avoid data error or loss.

■ POWERING ON+ OFF

To Power On:

Press and hold the Mode button for three seconds. The camera beeps while the camera status light is on. When information appears on the LCD display or the camera status screen, your camera is on.

To Power Off:

Press and hold the Mode button for three seconds. The camera beeps while the camera status light is off.

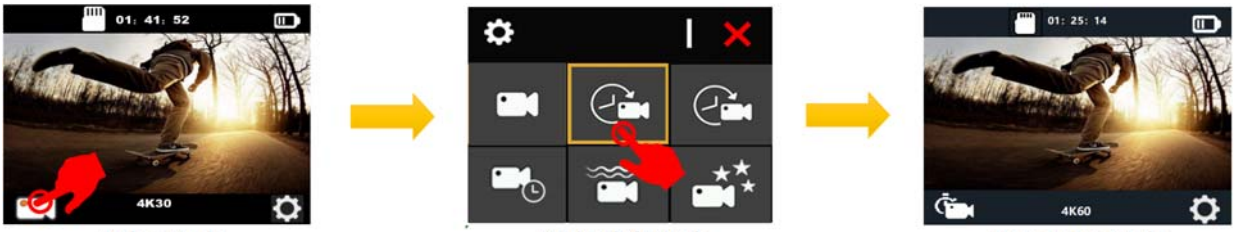
■ SWITCHING MODE

To Switch Mode:

There are 9 modes: Video,Time Lapse Video,Slow Motion,Short Video,Under Water Mode,Auto Low Light,Photo,Photo-Time lapse and Burst Photo.

➢ Turn on the camera, press Mode Button to Mode-Shift Mode, use Up or Down Button to cycle through the various mode,then press Shutter Button to desired mode. To exit, press Mode Button again.

➢ Turn on the camera, tap Mode icon to Mode-Shift Mode to switch desired mode, as shown below:
To exit, tap “X” icon.



Video Mode　　Mode-Shift Mode　　Time Lapse Mode

■ QUICK OPERATION GUIDE

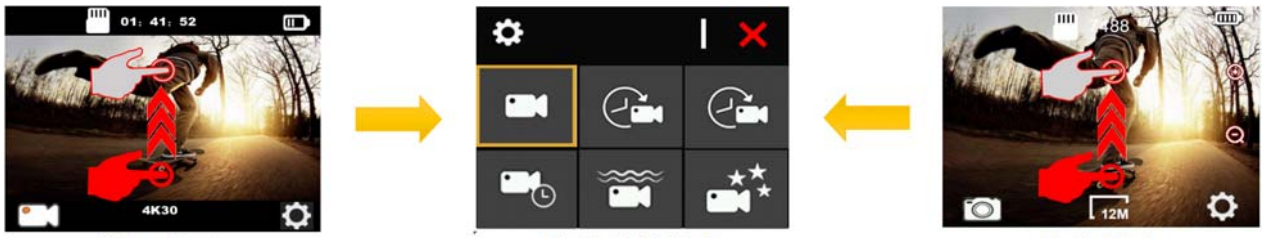
1) Verify the camera is in **Video Mode** or **Photo Mode,** quickly **swipe right** on the touch screen to enter **Playback Mode**, as shown below:
To exit **Playback Mode**, quickly **swipe down** on the screen.

Video Mode　　Playback Mode　　Photo Mode

2) Verify the camera is in **Video Mode or Photo Mode** , quickly **swipe down** on the touch screen to switch to the **Shortcut Mode**, as shown below:
To exit **Shortcut Mode**, quickly **swipe up** on the screen.

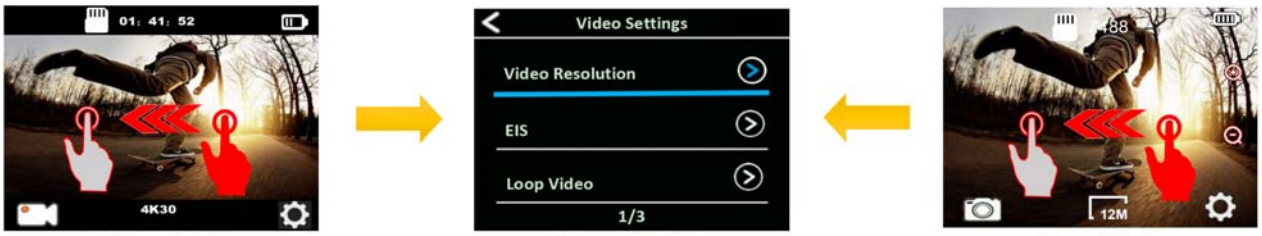
Video Mode　　Shortcut Mode　　Photo Mode

3) Verify the camera is in **Video Mode or Photo Mode,**Quickly **swipe up** on the screen to switch to the **Mode Shift Mode**, as shown below:
to exit, tap the icon "**X**" on the top right corner of the screen



Video Mode　　Mode-Shift Mode　　Photo Mode

4) Verify the camera is in **Video Mode** or **Photo Mode**: **Swipe left** quickly on the touch screen to switch fast to the **Video Settings** or **Photo Settings**, as shown below:
to exit, tap "<" icon on the top left corner of the screen

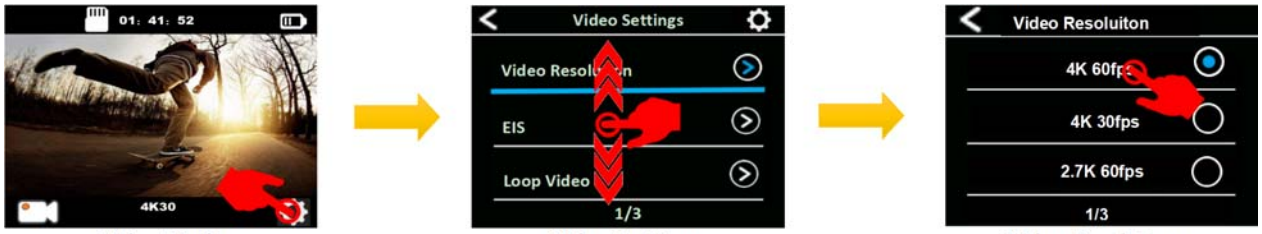


Video Mode　　Video Serttings　　Photo Mode

CUSTOMIZING YOUR CAMERA

VIDEO SETTING

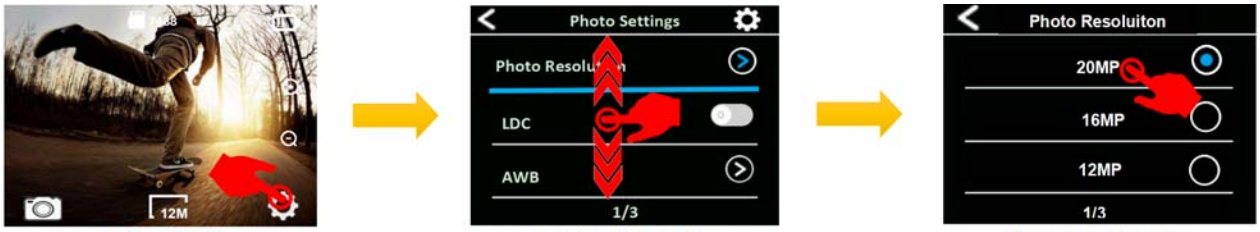
Verify the camera is in **Video Mode** or **Photo Mode**, tap the setting icon on the bottom right corner of the screen, then **swipe up or down** to cycle through the various option and tap the desired option,or use **Up Button** or **Down Button** to cycle through the various option and press **Shutter Button** to select the desired option.



Video Mode　　Video Serttings　　Video Resolution

PHOTO SETTING

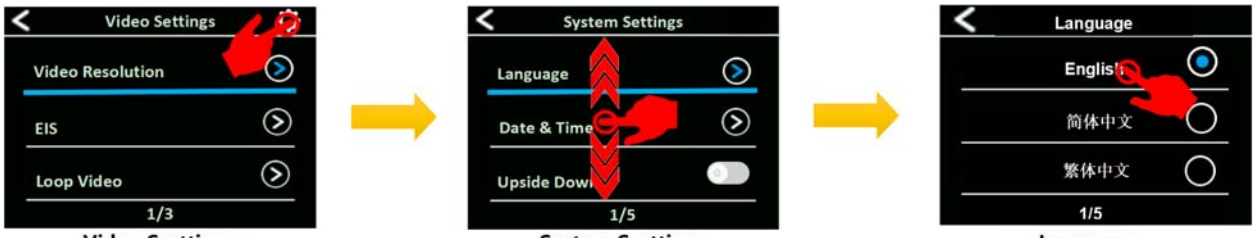
Verify the camera is in **Photo Mode**, tap the setting icon on the bottom right corner of the screen, then **swipe up or down** to cycle through the various option and tap the desired option,or use **Up Button** or **Down Button** to cycle through the various option and press **Shutter Button** to select the desired option.
In Photo Mode, tag the zoom icon to adjust the zoom level.



Video Mode　　Video Serttings　　Photo Resolution

SYSTEM SETTING

Verify the camera is in **Video Settings** or **Photo Settings**, tap the setting icon on the upper right corner of the screen to **System Setting**, then **swipe up or down** to cycle through the various option and tap the desired option,or use **Up Button** or **Down Button** to cycle through the various option and press **Shutter Button** to select the desired option.



Video Serttings　　System Serttings　　Language

VIDEO MODE

To record video,verify the camera is in desired Video Setting option and set the desired video resolution, .

- **To Start Recording:**

To press the **Shutter Button**. The camera’ s blue **Working Indicator** will flash and a **Red Dot** will show on the screen while recording.

- **To Stop Recording:**

To press the **Shutter Button** again. The camera **Working Indicator** stop flashing and the **Red Dot** disappear on the screen to indicate recording has stopped

Notes

• FAT32 format Micro SD card stops recording when the storage of each file is over 4 GB and starts to record again on a new file

• This camera automatically stops recording when the battery is out of power. Your video will saved before the camera powers off. The video will not be saved, and even the video will be damaged,if the batter is took out or loss power during recording.

• Due to the battery's characteristics and environmental temperature requirements, such as high temperatures can cause the battery to expand. In high temperature environments, especially in the summer, when you use this camera as a dash camera, we strongly recommend that you remove the battery and use the car power directly, but when the car's engine is turned off, the camera will immediately turn off, the date&time set and last video recorded will not be saved

• This camera automatically stops recording when the SD card is full,if the looping record function is turn off.

PHOTO MODE

To capture photo,verify the camera is in desired Photo Setting option and set the desired photo resolution.

- **To capture a photo:**

In the Photo mode, Press the **Shutter Button**. The camera will emit the camera shutter sound.

- **To capture Time-Lapse Photo series**

Verify the camera is selected desired **Time Lapse Photo** mode, Press the **Shutter Button,** The camera will trigger continuous shooting at the set interval and TL duration, the camera will emit shutter sound each time a photo is taken.
To stop **Time Lapse Photo,**Press the **Shutter Button** again.

- **To capture a Burst Photo series:**

Verify the camera is selected desired **Burst Photo** option, Press the **Shutter Button**, the camera will emit shutter sound each time a photo is taken.

- **To capture a Delay Timer Photo:**

Verify the camera is selected desired **Delay Timer** option, Press the **Shutter Button**, the camera initiates countdown and emit shutter sound each time a photo is taken.

- **To capture a Long Exposure Photo:**

Verify the camera is selected desired **Long Exposure** option, Press the **Shutter Button**, the camera initiates BEEP and emit a shutter sound as soon as the photo is taken.

PLAYBACK

You can play back your content on the camera' s display, your computer, TV, or smartphone / tablet. You can also play back content by inserting the micro SD card directly into a device, such as a computer or compatible TV. With this method, playback resolution depends on the resolution of the device and its ability to play back that resolution.

■ **PLAYING BACK ON CAMERA**

1 . Enter Video or Photo playback mode. If the SD card contains a lot of content, it might take a minute for it to load.
2 . Slide up or down on the screen or press the Up / Down Button to scroll through the video or photo files.
3 . Tap the desired file in the file list or press Shutter Button to open video or photo in full-screen view.
4 . Tap the screen or press Shutter Button to start to playback the video or photo.
Tap the screen again to pause playing back video
Tap the "Next" or "Previous" icon or press Up or Down Button to switch photo
5 . To return to the file list, tap the "return" icon or press Mode Button.
6 .To exit the Playback mode, tap the "return" icon again and slide down on the screen or press Mode Button again.

■ **PLAYING BACK ON TV**

1 . Turn on the TV
2 . Connect the Mini HDMI end to the port on camera and HDMI end to HDMI port on the TV
3 . Select the right input source on the TV
4 . Turn on the camera after a while, you can preview the camera from TV
5 . Setting your camera into the video/photo playback mode
6 . Select the desired content to playback

Note:

• If the camera is connected TV with HDMI cable, the camera can not take videos or photos, only for Playback.
• HDMI cable is not included in the standard package,you will need buy an extra HDMI cable.

■ PLAYING BACK ON COMPUTER

To play back your video and photos on a computer, you must first transfer these files to a computer. Transferring also frees up space on your micro SD card for new content. To offload files to a computer using a card reader (sold separately) and your computer' s file explorer, connect the card reader to the computer, then insert the micro SD card. You can then transfer files to your computer or delete selected files on your card. Note that you must use a card reader to offload photos or audio files.With this method, playback resolution depends on the resolution of the device and its ability to play back that resolution.

NOTE:
• 4K60 requires a high data transmission stream. If you playback 4K60 video file through a card reader, you may not be able to obtain sound playback. In order to get better playback results, it is strongly recommended to copy the 4K60 video directly to the computer to playback.
• This camera might not be compatible with the files from different solution camera or other device.
• The quick time player is a good compatibility with MOV format video files. We strongly recommend using the Quick Time Player to play back video files on your computer.

■ DELETE FILE ON CAMERA

1. Verify the camera is in Video or Photo Playback menu,If your micro SD card contains a lot of content, it might take a minute for it to load.
2. Slide up or down on the screen or press the **Up** or **Down Button** to locate the file you want to delete.
3. Tap the Delete icon or press and hold the **Up Button** for seconds. The screen shows" Delete File" .
4. Tap the desired option on the screen or Press the **Up** or **Down Button** to locate the desired option: "Single File" or "All Files" , then Press **Shutter Button** to select the desired option.
5. Tap the desired option on the screen to delete the file you want or back the playback list again, or Press the **Up** or **Down Button** to locate the desired option: " Yes / No" .
6. If you select "Yes" , then Press **Shutter Button** to deleted the file you want.
   If you select "No" , then Press **Shutter Button** to back the playback mode.

BATTERY

The camera contains sensitive components, including the battery. Avoid exposing your camera to very cold or very hot temperatures. Low or high temperature conditions may temporarily shorten the battery life or cause the camera to temporarily stop working properly. Avoid dramatic changes in temperature or humidity when using the camera, as condensation may form on or within the camera.

■ BATTERY STORAGE AND HANDLING

• Do not store in temperature above 140°F/60°C.
•Avoid exposing your camera to very cold or very hot temperatures. Low or high temperature conditions may temporarily shorten the battery life or cause the camera to temporarily stop working properly. Avoid dramatic changes in temperature or humidity when using the camera, as condensation may form on or within the camera.
• Do not dry the camera or battery with an external heat source such as a microwave oven or hair dryer.
• Damage to the camera or battery caused by contact with liquid inside the camera is not covered under the warranty.
• Do not store your battery with metal objects, such as coins, keys or necklaces. If the battery terminals come in contact with metal objects, this may cause a fire.
• Do not make any unauthorized alterations to the camera. Doing so may compromise safety, regulatory compliance, performance, and may void the warranty.

• Please do no throw the camera or its battery to the garbage,find a specific recycling point for it.

WARNING:

•Do not drop, disassemble, open, crush, bend, deform, puncture, shred,microwave, incinerate or paint the camera or battery.

•Do not insert foreign objects into the battery opening on the camera.

•Do not use the camera or the battery if it has been damaged - for example, if cracked, punctured or harmed by water. Disassembling or puncturing the battery can cause an explosion or fire.

■ CHARGING THE BATTERY

1.Connect the camera to USB power supply (5V/1A commended).

2.The charging status light remains ON while the battery is charging.

3.The charging status light will turn OFF when the battery is fully charged.

Notes:

•Charging time: 4-hours for 5V 1A power supply

•Please make sure the camera is shuttled down while charging.

•Remove the battery before using as a dash camera and use 5V/1A brand-name car charger.

■ MAXIMIZING BATTERY LIFE

If the battery reaches 0% while recording, the camera saves the file and powers off.

To maximize battery life, follow these guidelines when possible:

• Turn off Wireless Connections

• Capture video at lower frame rates and resolutions

• Use Screen Saver setting.

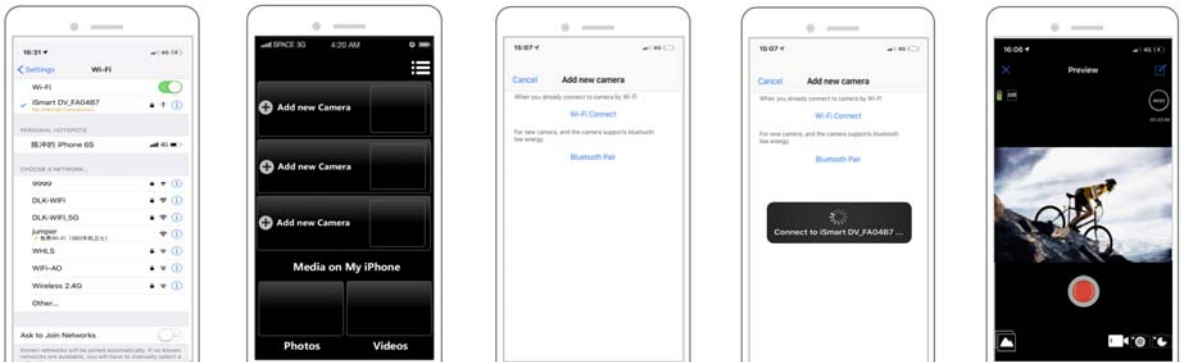
Wi-Fi APP

The Wi-Fi App lets you control your camera remotely using a smart phone or tablet. Features include full camera control,live preview,playback and sharing of selected content and more.

CONNECT TO THE iSmart DV APP

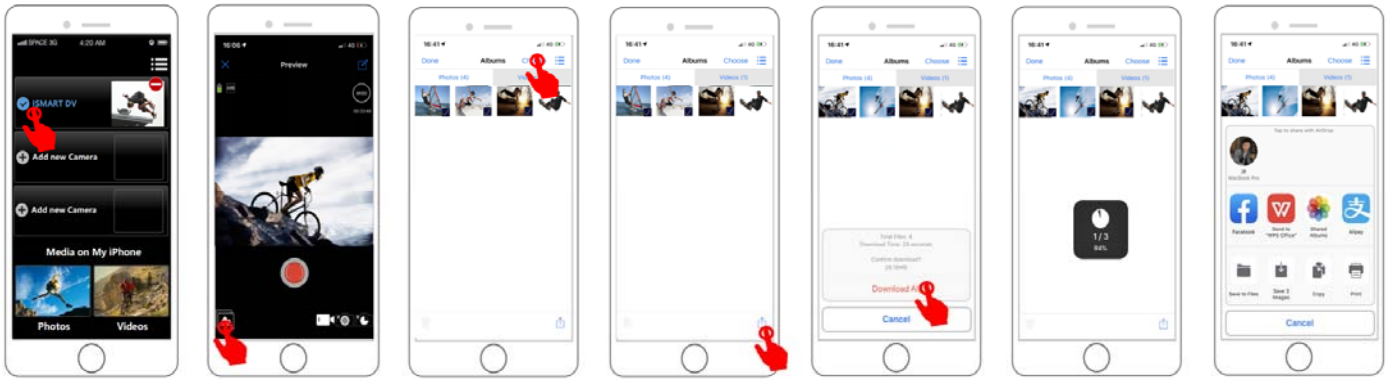
1. Download **iSmart DV** app to your mobile device from the Apple App Store or Google Play;
2. Turn on the camera, then press **Up Button** for seconds or Verify the camera is in **Shortcut Mode**,tap the Wi-Fi icon to turn on Wi-Fi;
3. Turn on Wi-Fi Setting of your mobile device, connect to the Wi-Fi SSID "**iSmart DV**" ;
4. Enter the password: "**1234567890**" ;
5. Open the app "**iSmart DV**" on your smart phone or tablet.
6. Tap "**Add new camera**" ;
7. Tap "**Wi-Fi Connect**" ;

Note: Press **Up Button** for seconds again if you want to turn off Wi-Fi.



DOWNLOADING AND SHARE YOUR CONTENT

1. Open the **"iSmart DV"** app.
2. Tap **"Albums icon"** at the left corner of the bottom screen.
3. Select files in **"Photos"** or **"Videos"** at the top of the screen.
4. Tap **"Download icon"** at the right corner of the bottom screen to download
5. Save or Share your content.



The **iSmart DV App** is compatible with smart phone and tablet listed below:

For Apple IOS

*iPhone6(plus),6s(plus),7 (above IOS12)

*iPhone Air & Mini (above IOS12)

For Android

*Android 4x Quad-Core devices (above Android 7.0)

App available on:

NOTES:

•The camera Wi-Fi bandwidth is relatively narrow, and its signal will be affected by distance, other signals, electromagnetic waves, obstacles and other factors. 2 to 5 seconds signal delay is normal.Wi-Fi distance is about 5~10 meters.

•When the phone and camera connect through Wi-Fi, the power of the camera will increase. The camera's temperature will rise rapidly, and the consumption of camera batteries will also increase. This is a normal phenomenon.

•Since many kinds of phones in the market, and the phone system is constantly updated, iSmart DV app needs time to synchronize timely updates, if iSmart DV app can not be compatible to your phone, please tell us your phone' s model and system version information, we will in the first time synchronize your phone.

•If you find your phone can not connect the camera's WIFI, please confirm that your connection is correct, if yes, and still can not connect. Please delete the Wi-Fi SSID of the camera in your phone Wi-Fi setting and reconnect. If necessary, you can also delete the iSmart DV app from your phone and re-download and re-install it.

2.4G REMOTE

The remote controller is only applicable to cameras with remote control functions. If the camera you purchased is not equipped with remote control module, the following functions will not be available, and the remote control and its accessories will not included in the package.

Place the Remote Control On Your Wrist and Acquiesce Ultra-convenient Control for Hiking,Biking, Skiing,Bungee and more while installing the camera on your Helmet or other place.

2.4G Wireless Remote: Splash-proof only,not waterproof / Range 5M

HOW TO TURN ON/OFF THE REMOTE:

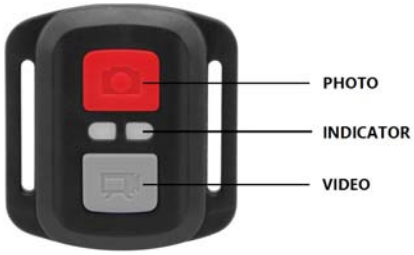
Select **ON/OFF** in the Setting Menu to turn on/off the 2.4G remote controller.

- **Video**

To start recording: Press the Video Button.
To stop recording: Press the Video Button again.

- **Photo**

To take a photo: Press the **Photo Button**.



NOTES:

•Verify the camera is in Video/Photo Mode first, if the camera is set in Playback or Setting Menu, the camera can not be controlled by the remote.

•Be sure to remove the remote control battery and put it in a safe and reliable place , if do not use for a long time.

•The remote control will always be in standby state. If the indicator is not on, the battery was out of power. In order to confirm the normal use of the remote control, please replace the remote control battery regularly and in time as following steps:

Step1: Use a 1.8mm tip screwdriver (not included) to remove the 4 screws on the back cover of the remote, allowing you to open it.

Step2: Remove another 4 screws on PCB board.

Step3: Lift the PCB board and slide out the battery, as shown in the picture.

Step4: Install the new battery, keeping the "+" pole facing up.

Step5: Install all 4 screws back onto the PCB board.

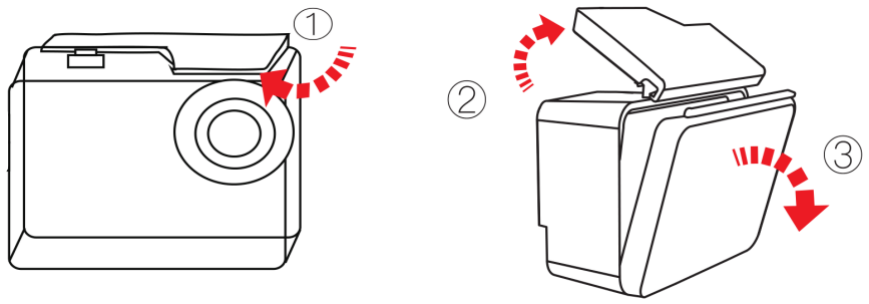
Step6: 6)Install all 4 screws back into the cover.

WATERPROOF CASE

Specially designed for diving, surfing, snorkeling and other water sports activities. The waterproof case does not only

offer greater waterproof protection to your camera, it also offers extra protection against dust, scratches and shocks. Light and easy to carry, excellent PMMA material endows it with high quality.With the use of the waterproof case, you can record activities even 30M under water and it won't damage the shooting effect, clear and vivid.Your movement and photographic effect won’ t be affected by anti-surf pressure. Convenient to link camera with other accessories mount through this waterproof case.

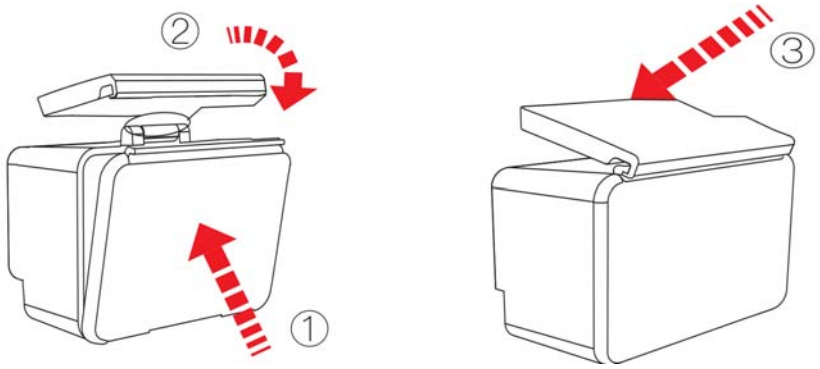
■ HOW TO OPEN:



1) Pick the black latch up on the top of the case.
2) Pull up the buckle of the case.
3) Open the back cover of the case.

■ HOW TO CLOSE:

1) Please close the back door of the case.
2) Pull down the latch and lock it to the back door.
3) Press down the buckle.



Tips:
1.Please tear the protective films on the waterproof case lens before shoot/record;
2.To achieve better waterproof performance, the voice record within the waterproof case will be weakened.

NOTES:

- In order to capture a clear video or photo, please tear off the lens protection film of the waterproof shell before use, and protect well the lens window from scratch after use.
- Before sealing the waterproof case, keep the camera housing’ s White Silicone Seal Ring clean, a single hair or grain of sand cause a leak. You can test by closing the case without inserting the camera. Submerse the case completely in the water for about a minute. Remove the case from the water, dry off its exterior with a towel, and then open the case. If the interior is dry,the case is safe for use under water.
- Before sealing the waterproof case, make sure the waterproof case is sealed well before use.If the white silicone sealing ring is found to be hardened, deformed or damaged, please stop using this water tank and replace the new waterproof shell in time

- Please dry it in time after use, otherwise the waterproof shell metal button will dust and reduce the waterproof performance. After use in in seawater or seaside, you will need to rinse the outside of the housing with fresh water and then dry. This will prevent corrosion of the hinge pin and salt buildup in the seal, which can cause failure. Do not flush the interior with water
- When use the camera with the waterproof in low temperature, such as Winter, Rainy Day, Underwater and so on, please do the anti fogging treatment so as to avoid the blurred video. It is recommended to add anti-fog film; insert the anti-fog film into the waterproof case to prevent the lens from fogging in low temperature or humid environment;
- Keep it safe from falling and dropping and high temperature above 80°C.
- Waterproof shell is vulnerable product, we strongly recommend ,according to the usage of the environment and frequency, to replace the waterproof shell in time.

Mounting Your Camera with accessories

Attach your camera to helmets, gear and equipment.

Notes:

- Our standard accessories are the basic version. If you need different types of accessories, you need to purchase them separately.
- With different types of accessories, the camera can be used in different occasions. Please purchase different types of accessories kit according to actual needs.
- Our cameras can be partially compatible with accessories from other brands such as Go-pro. We recommend purchasing the corresponding accessories separately from Amazon.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
NOTE: This equipment 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 equipment 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 equipment 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.
The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction

Download the APP/APK

CONTACT US

Specifications are subject to change without prior notice. Please refer to the actual specifications!

For any inquiries, questions or comments about our products, please send an email to
Please call us at the address below. We will reply as soon as possible.
E-mail:
Customer Service Line: