

Friendly Tips:

1. A 32GB TF memory card is included with the camcorder along with an SD card adapter to allow you to insert your card into your camera. The camcorder supports TF and SD memory cards up to 128GB. For best results we recommend using a branded u3 SD/SDHC card which is required to be formatted in the camcorder before first time use.
2. This camcorder is powered by one lithium battery. Please install the battery correctly before using the camera for the first time, otherwise the camera will not charge and will not boot.

WARNING

To reduce the risk of fire or electric shock,

1.) Do not expose the unit to rain or moisture.
- 2.) Do not place objects filled with liquids, such as vases, on the apparatus.

Do not expose the batteries to excessive heat such as sunshine, fire or the like.

Do not ingest the battery, as it is a chemical burn hazard.

The remote control requires two AAA batteries.

If swallowed, batteries can cause severe internal burns.

Keep new and used batteries away from children. If the battery compartment does not close securely, stop using the product and keep it away from children.

If you think batteries might have been swallowed or placed inside any part of body, seek immediate medical attention.

CAUTION

If the battery is mishandled, the battery pack can burst, cause a fire or even chemical burns. Observe the following cautions.

Do not disassemble.

Do not crush and do not expose the battery pack to any shock or force such as hammering, dropping or stepping on it.

Do not short circuit and do not allow metal objects to come into contact with the battery terminals.

Do not expose to high temperature above 60°C (140°F) such as in direct sunlight or in a car parked in the sun.

Do not incinerate or dispose of in fire.

Do not handle damaged or leaking lithium ion batteries.

Keep the battery pack out of the reach of small children.

Keep the battery pack dry.

Replace the battery with the specified type only. Otherwise, bursting, fire or injury may result.

Dispose of used batteries according to the rules and laws of your municipalities.

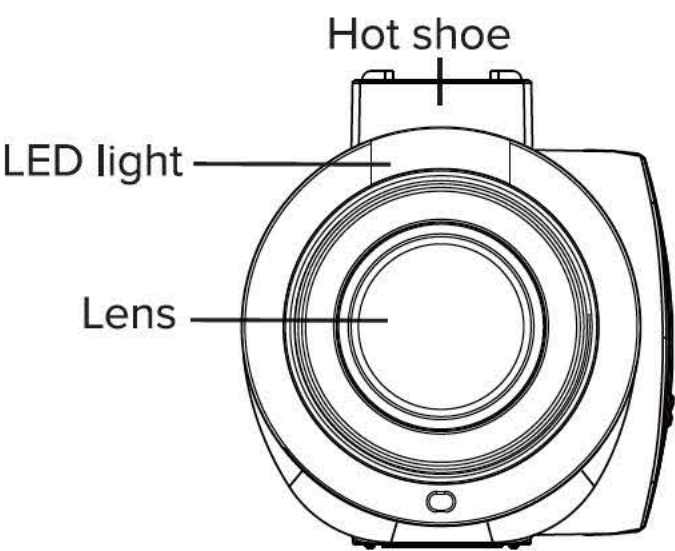
About the camera

System requirement

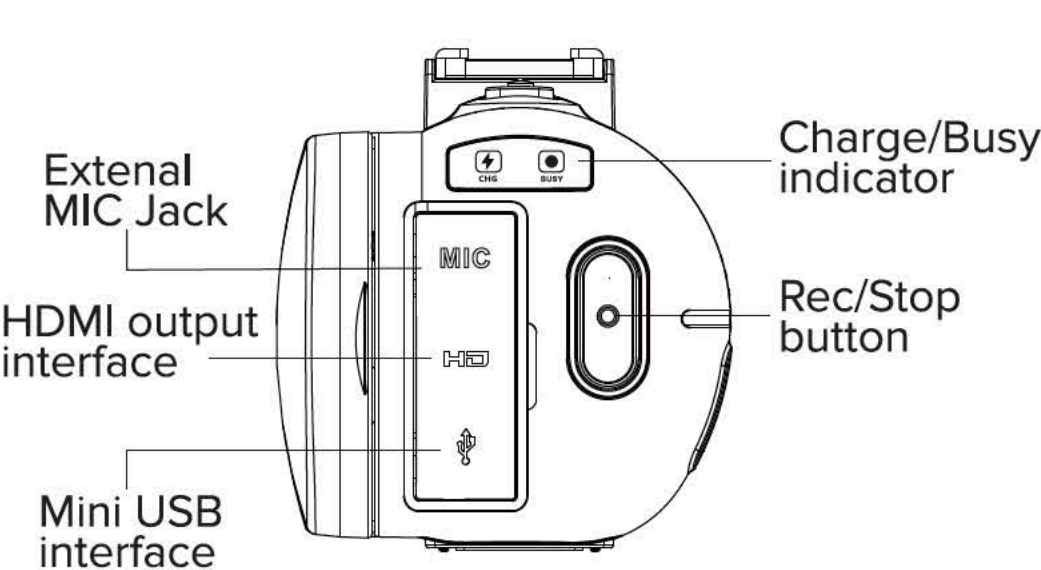
Users can transfer videos and photos to computers with the following configurations:
Intel Pentium 2.0GHz or higher/ Microsoft Windows XP or higher operating system 2GB RAM
40GB above available disk memory/ Standard USB interface / 1GB GPU or higher 1920x1080
pixels or higher resolution.

Parts and controls

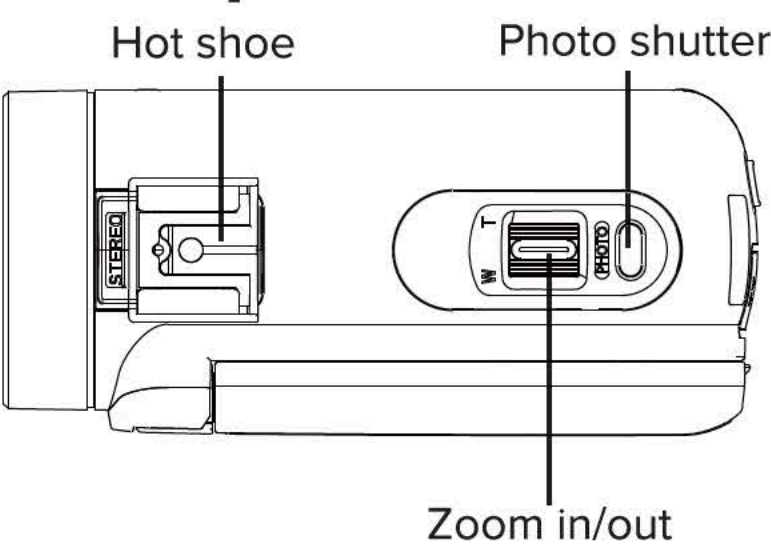
Front side view



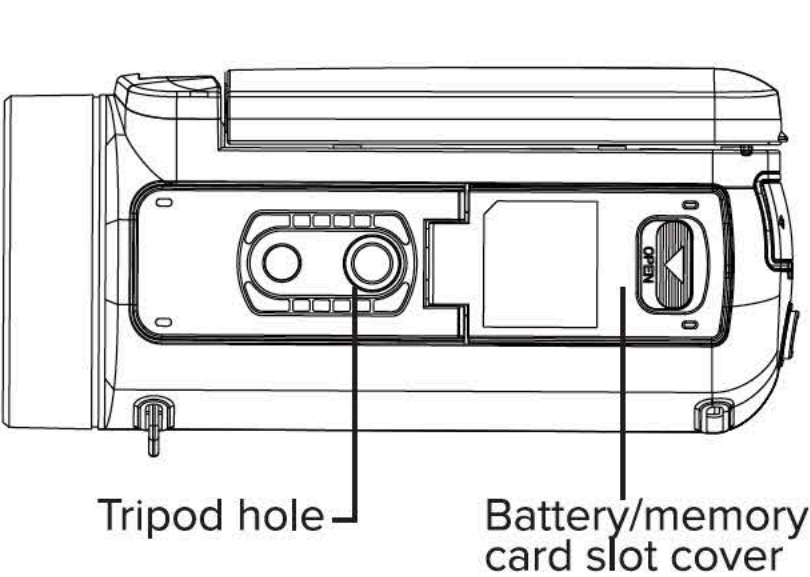
Back side view



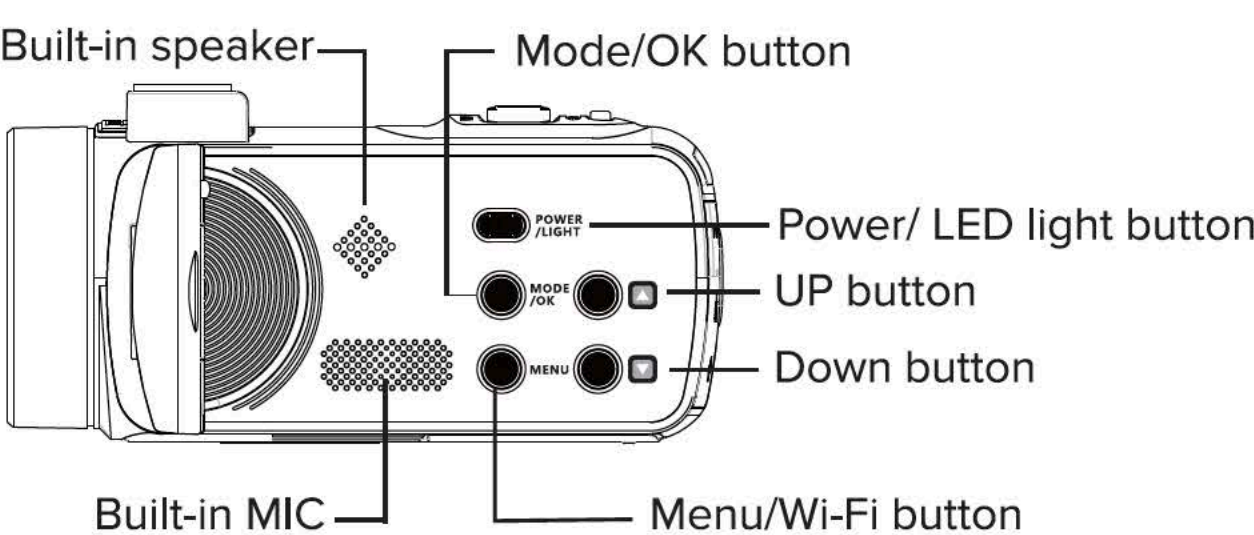
Top side view



Bottom side view



Left side view

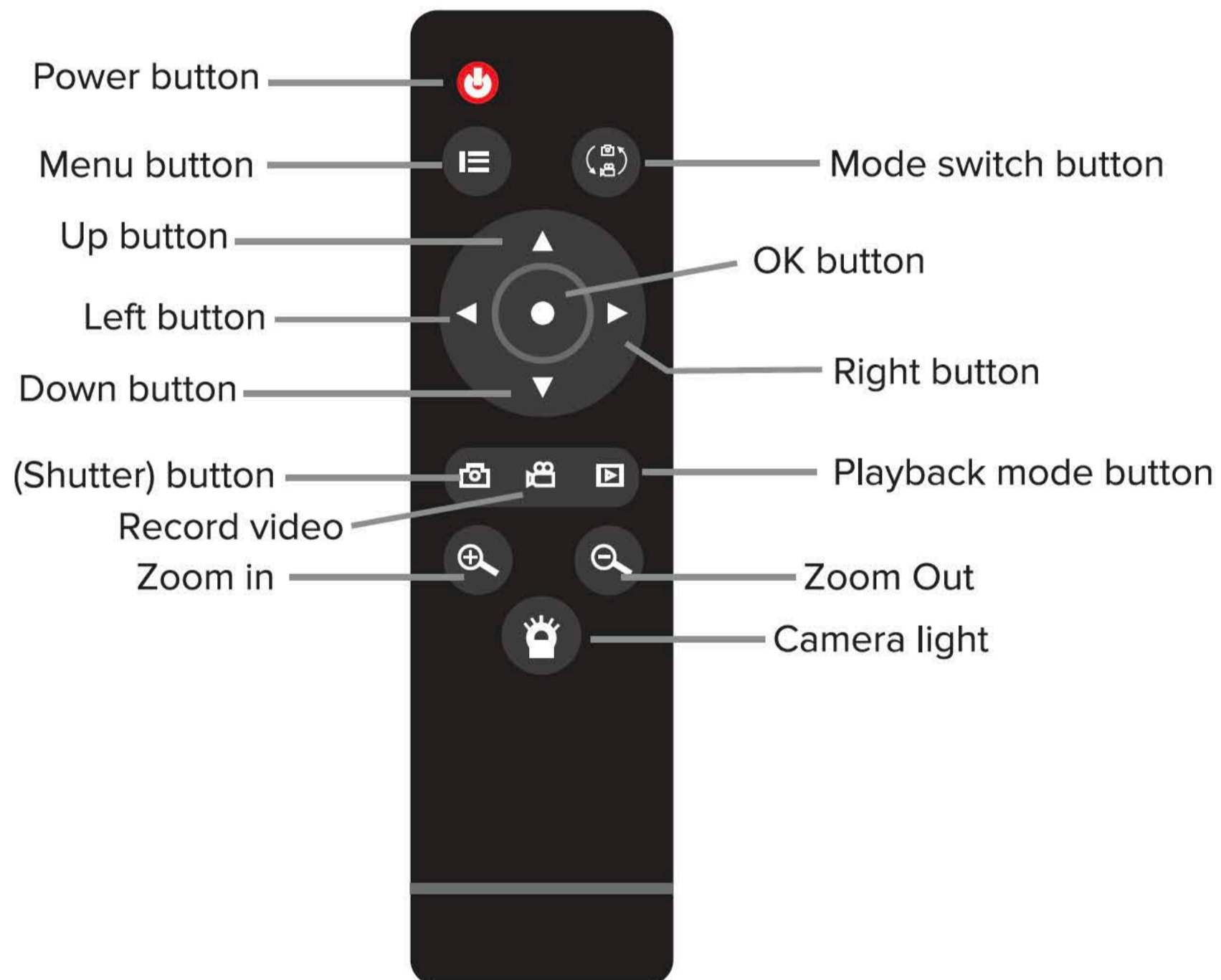


Packaging contents:

- 1.) 4K Digital camcorder
- 2.) 64GB TF memory card (with SD card adapter)
- 3.) Rechargeable lithium battery
- 4.) Camera bag
- 5.) USB cable
- 6.) HDMI cable
- 7.) Remote controller
- 8.) Lens cover
- 9.) Installation manual

Remote Controller

Users can control the camcorder by remote controller. The remote control can accomplish the below actions:

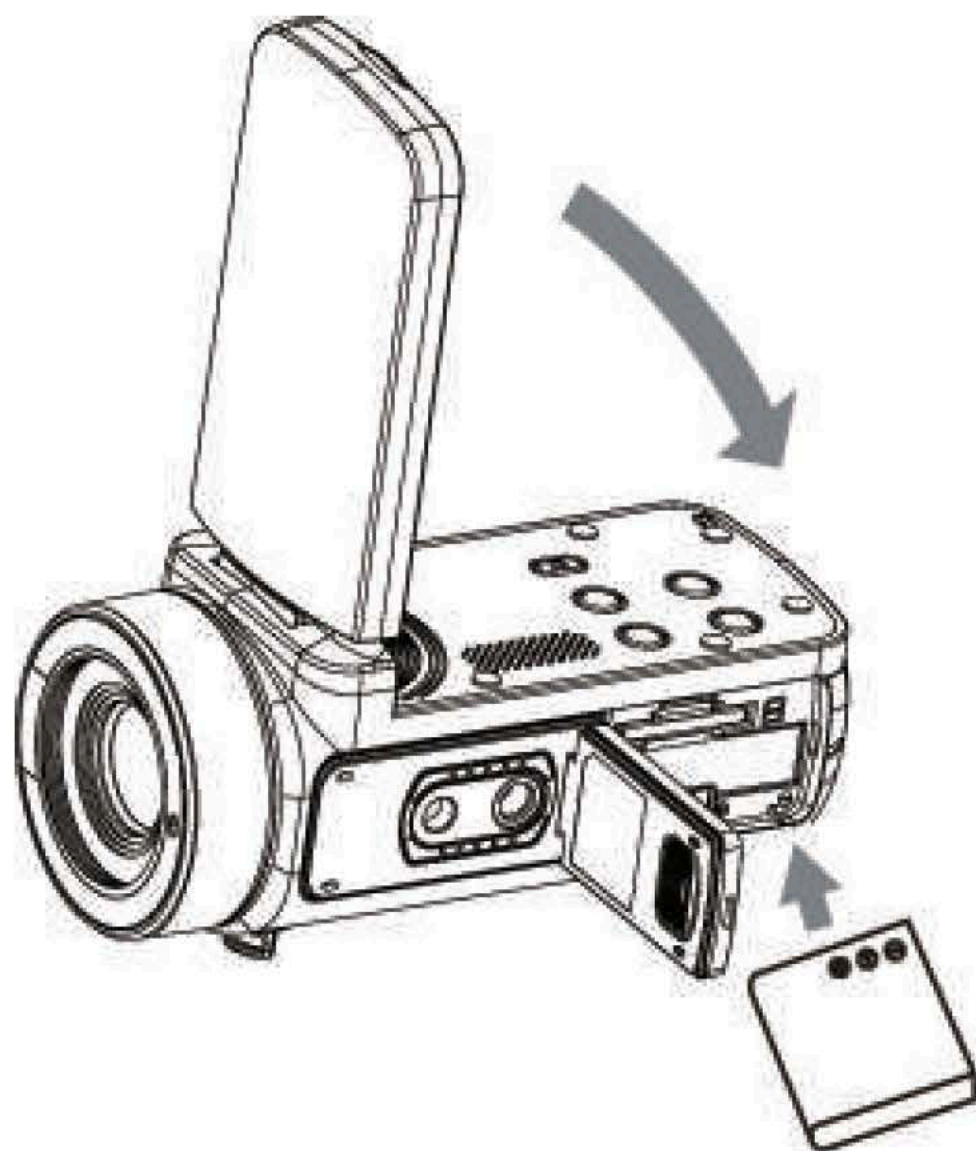


Notes:

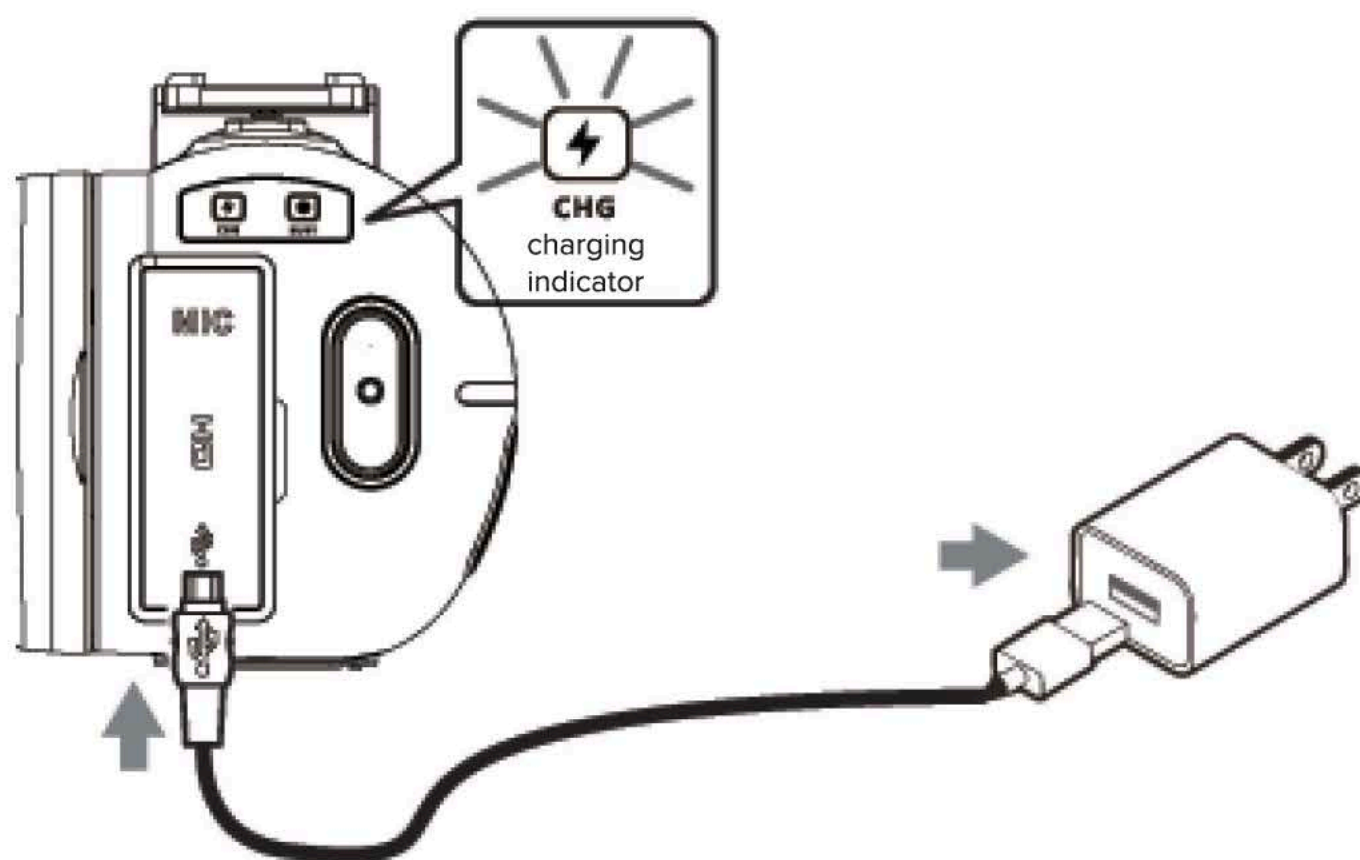
- The remote controller can be used at a distance of approximately 10 meters.
- The remote takes 2 AAA batteries. Put batteries in with the correct polarity (+,-). Do not mix old and new batteries or different types of batteries.

Charging the battery

1. Power off your camcorder, open the battery cover and insert the battery in the direction as shown in the picture below, then close the battery cover.



2. You can use the supplied USB cable to charge your camcorder via an adapter (5V/1A~5V/2A) or connect to your PC directly.

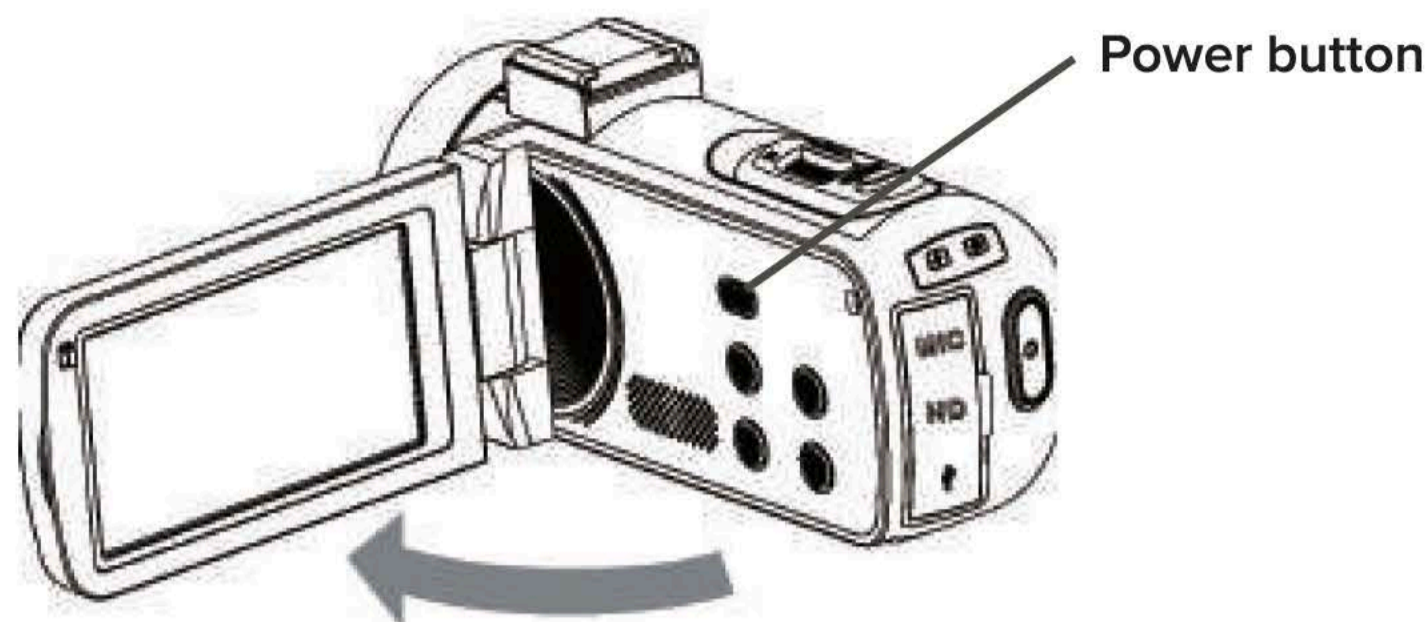


Note:

- * The charging indicator illuminates while the battery is charging.
 - * The charging indicator light turns off automatically when the battery is fully charged.
- Normally it takes approximately 2-3 hours to fully charge the battery.
When the battery is fully charged, the battery life is approximately 90 minutes for recording.

Power on /off the camcorder

Open the touch screen and the camcorder powers on automatically.



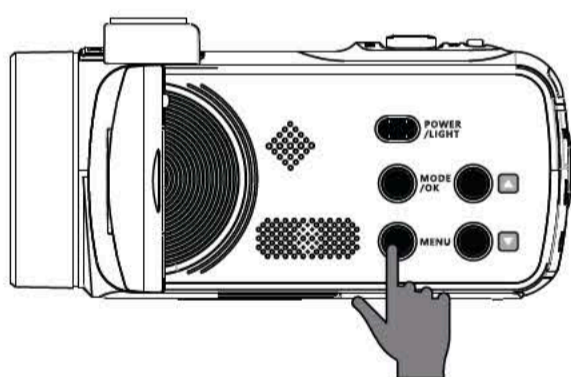
You can also power on the camcorder by pressing the **Power/Light button**

To power off the camcorder, close the touch screen or hold and press the **Power/Light button** for approximately 3 seconds.

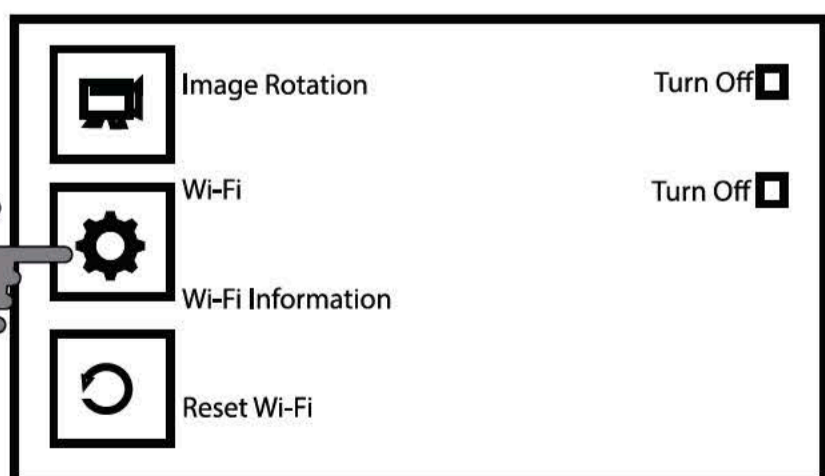
Note:

It takes 5 seconds to power on/off the camcorder by opening the touch screen. If you open/close the touch screen twice during this reaction time, it may cause the camcorder not to power on/off properly. Please wait for the camcorder to complete the power on/off procedure before using it again.

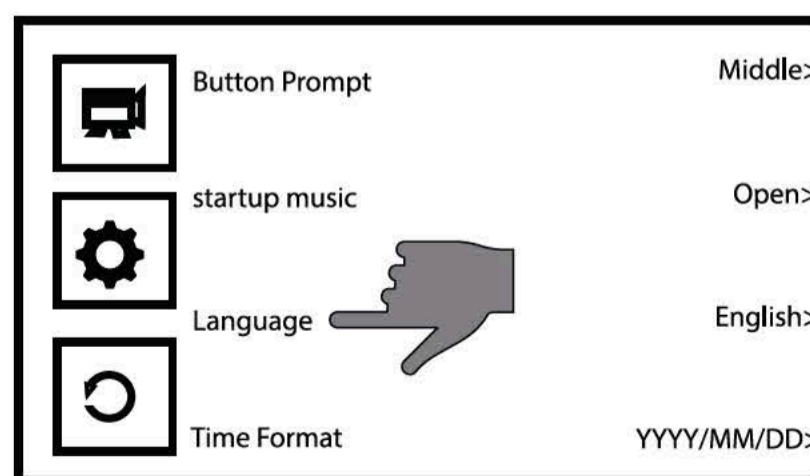
Set the language



Once your camcorder is powered on, press the MENU button to enter the settings menu.



In the setting menu, use the up or down arrow buttons and press the Mode/OK button to choose settings options.

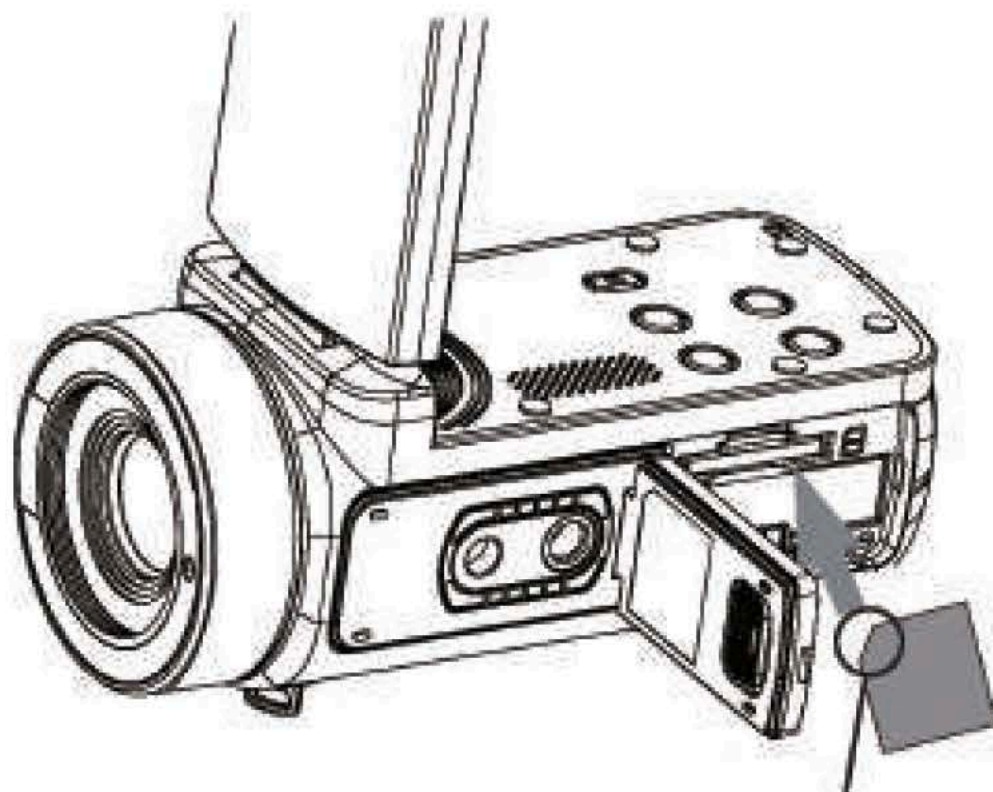


Press the up or down arrow buttons repeatedly until Language is selected. Press the Mode/OK button to choose the language menu. In the language menu, use the arrow buttons to select a language and press Mode/OK to confirm your selection.

Insert and format the memory card

A u3 or higher speed memory card is recommended for normal use.

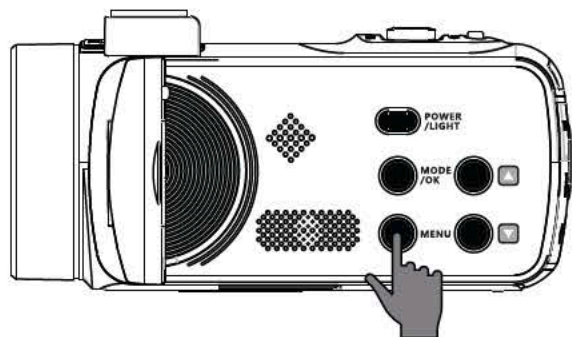
1. Open the battery cover, and insert the memory card until a “click” sound is heard.



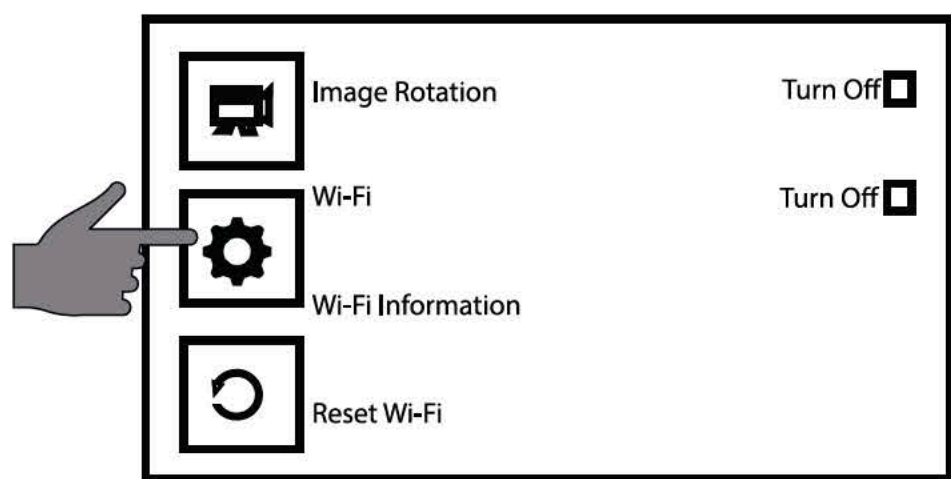
Insert the card with the noted corner in the direction as illustrated.

2. To remove the memory card, open the cover and push the memory card inward slightly and it will automatically pop out.

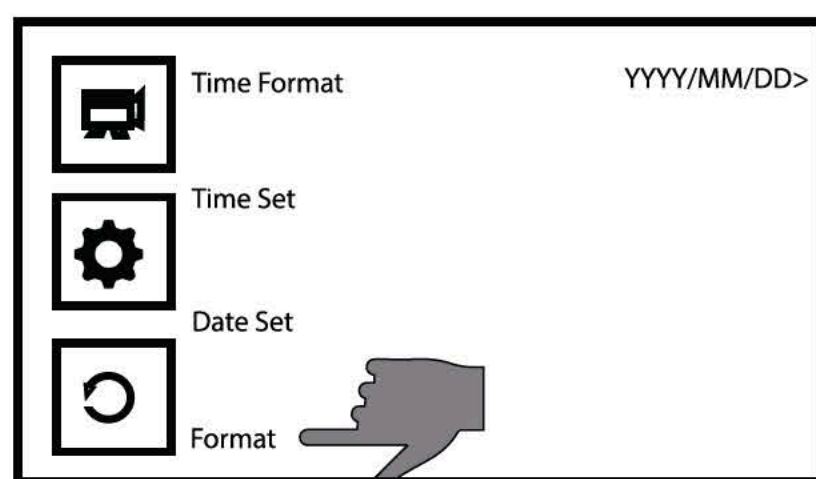
Format the memory card



Once your camcorder is powered on, press the MENU button to enter the settings menu.



In the setting menu, use the up or down arrow buttons and press the Mode/OK button to choose settings options.



Press the up or down arrow buttons repeatedly until Format is selected. Press the Mode/OK button to choose the format menu. In the format menu, use the arrow buttons to select Format or Cancel and press Mode/OK to confirm your selection.

Note:

If the memory card is not native format, the screen will display the following message: “Card error...”. Please format the memory card as outlined above.

Formatting the memory card will erase all the data stored on it and the data will be irrecoverable. It is recommended to save your important data to your computer before formatting.

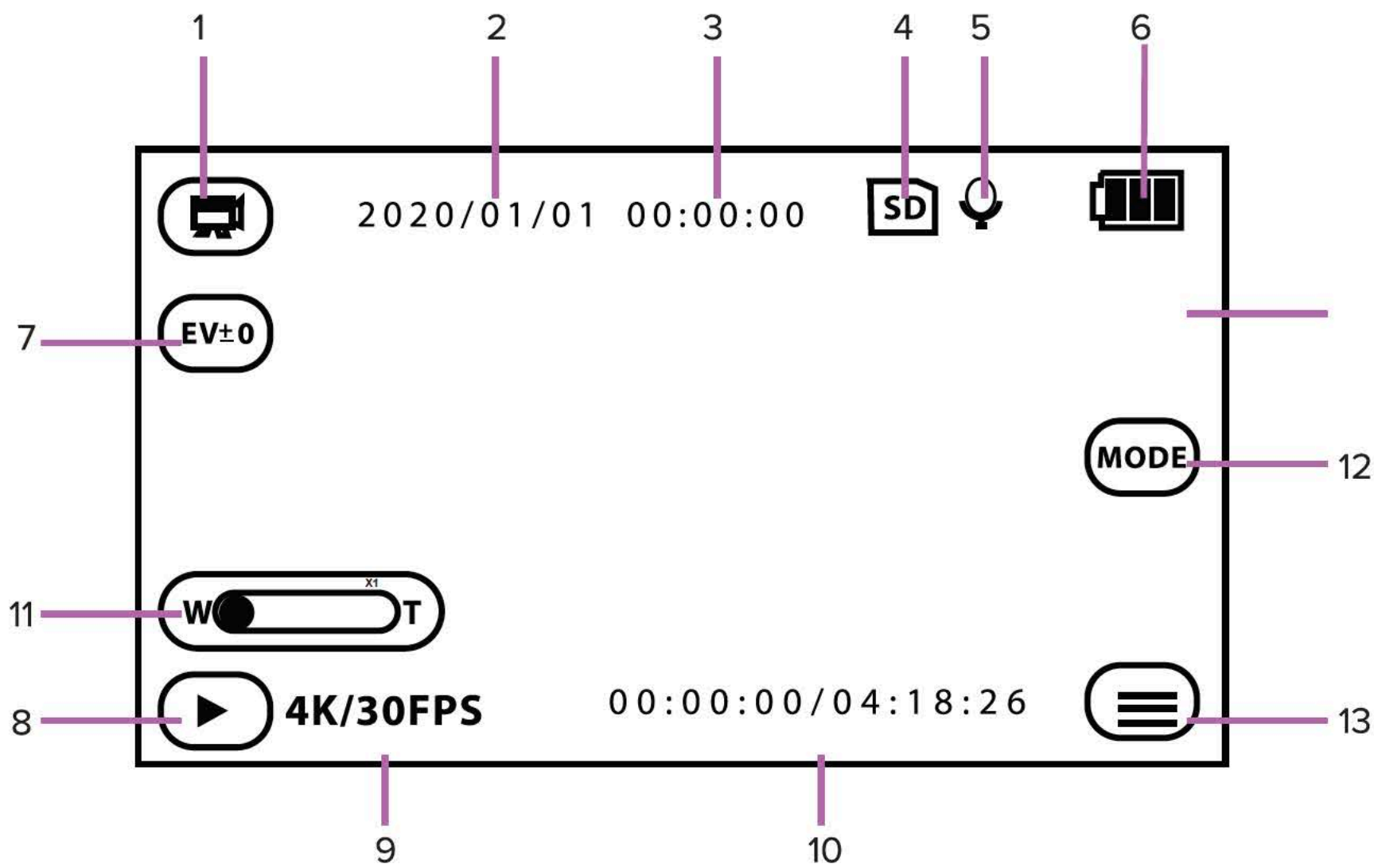
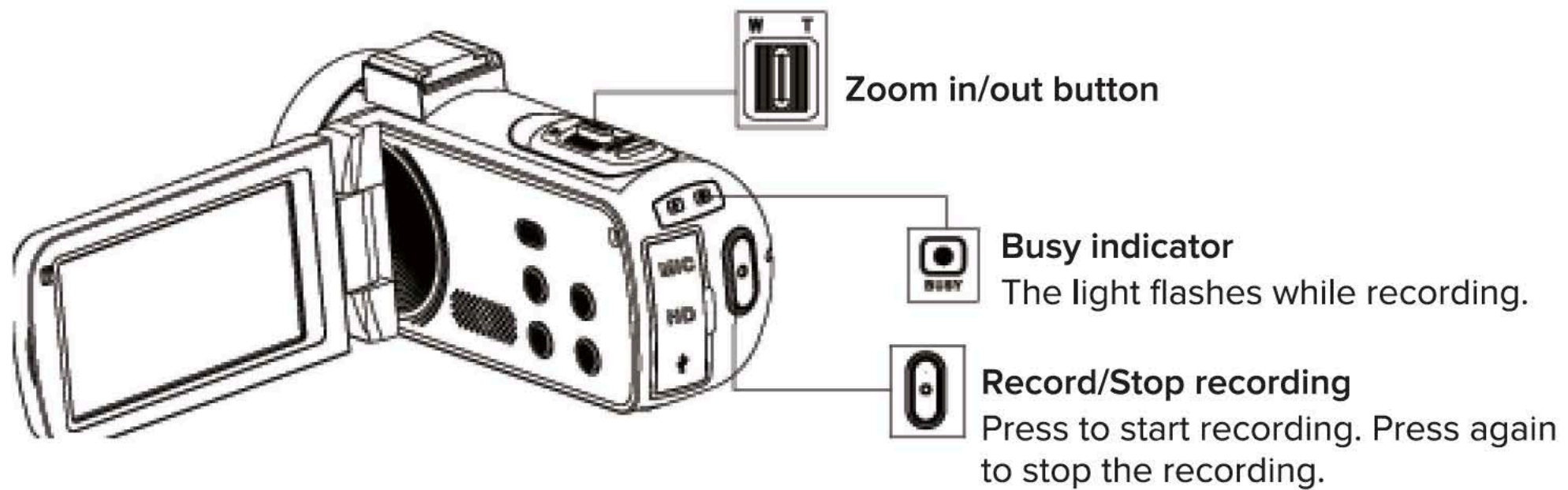
Take a video

After powering on the camcorder, Video Capture Mode, the default mode, is active.

The camcorder records movies and saves them onto the memory card.

The default video size is 4K@30fps.

To record a video, after powering on the camcorder, press the **REC/Stop** button to begin recording.

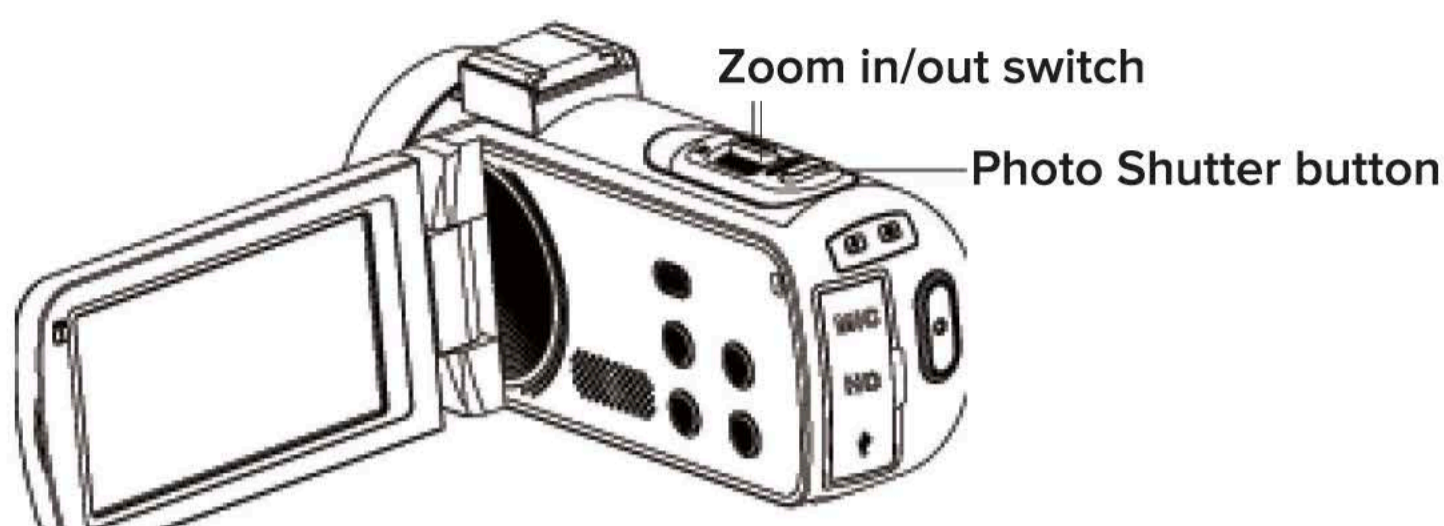


Video Mode Icons

- | | |
|--|--|
| 1. Video Mode | 8. Play Back Mode (press screen to access) |
| 2. Date | 9. Resolution |
| 3. Time | 10. Time recorded/Total time available on card |
| 4. Memory Card (appears when inserted) | 11. Zoom |
| 5. Microphone On | 12. Mode (press screen to change mode) |
| 6. Battery Status | 13. Settings (press screen for settings mode) |
| 7. Exposure Setting | |

Take a photo

After powering on the camcorder, press the Mode/OK button to switch to enter the Mode select menu. Then press the up/down arrows repeatedly until Photo Mode is selected and press Mode/OK to select. . Press the shutter button lightly to adjust the focus, then press it fully to take a photo.



Note: The camcorder can not take a photo while in Video Mode.

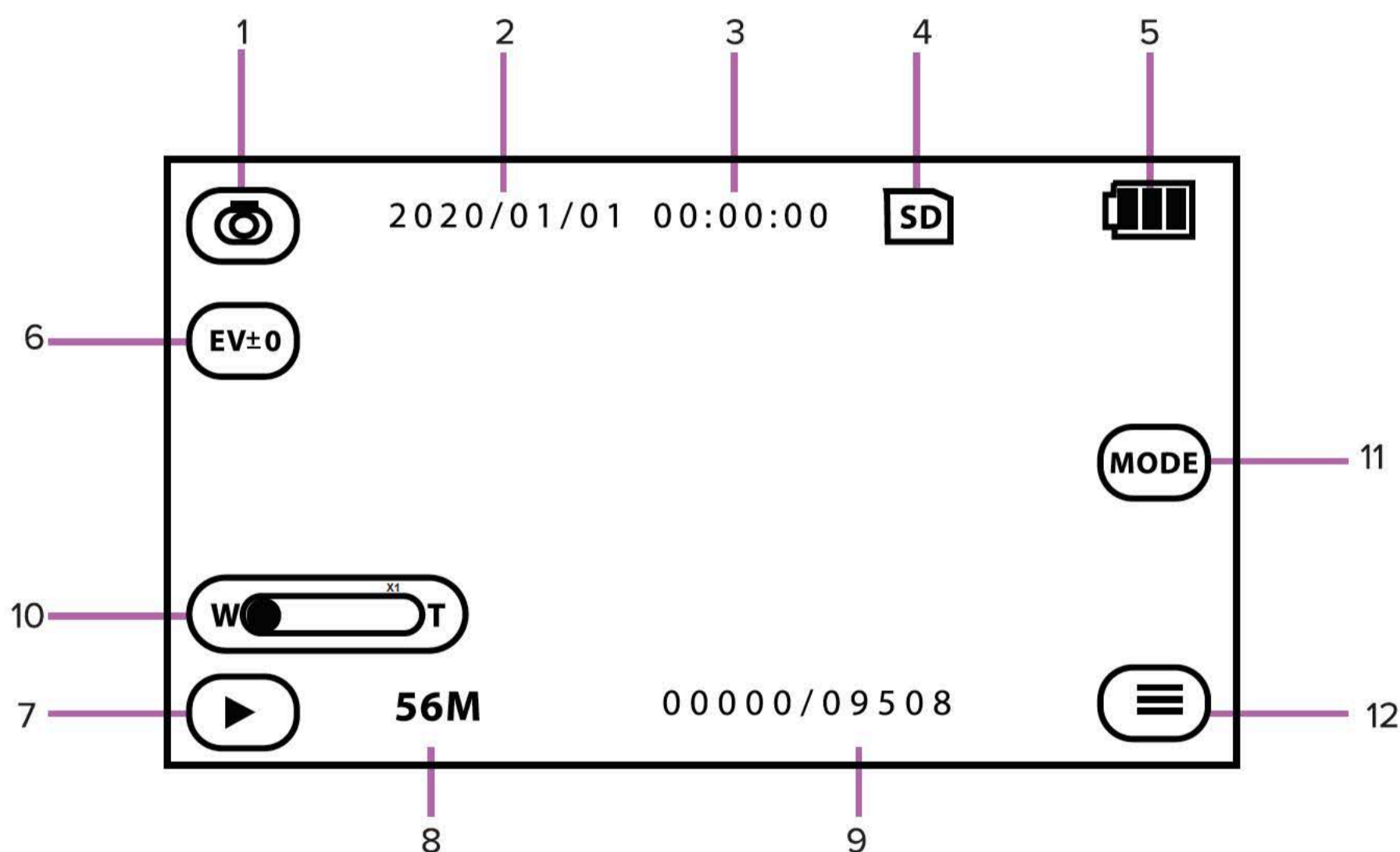
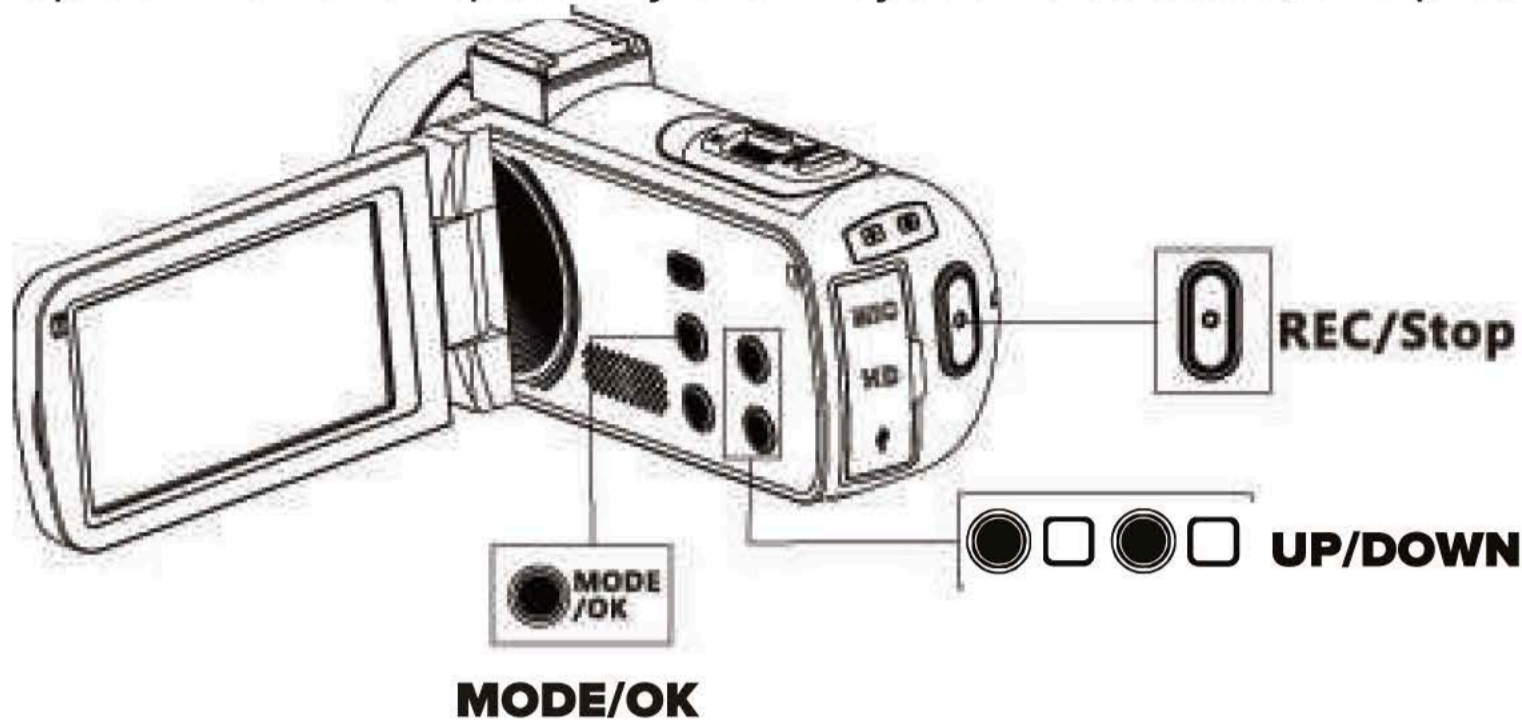


Photo Mode Icons

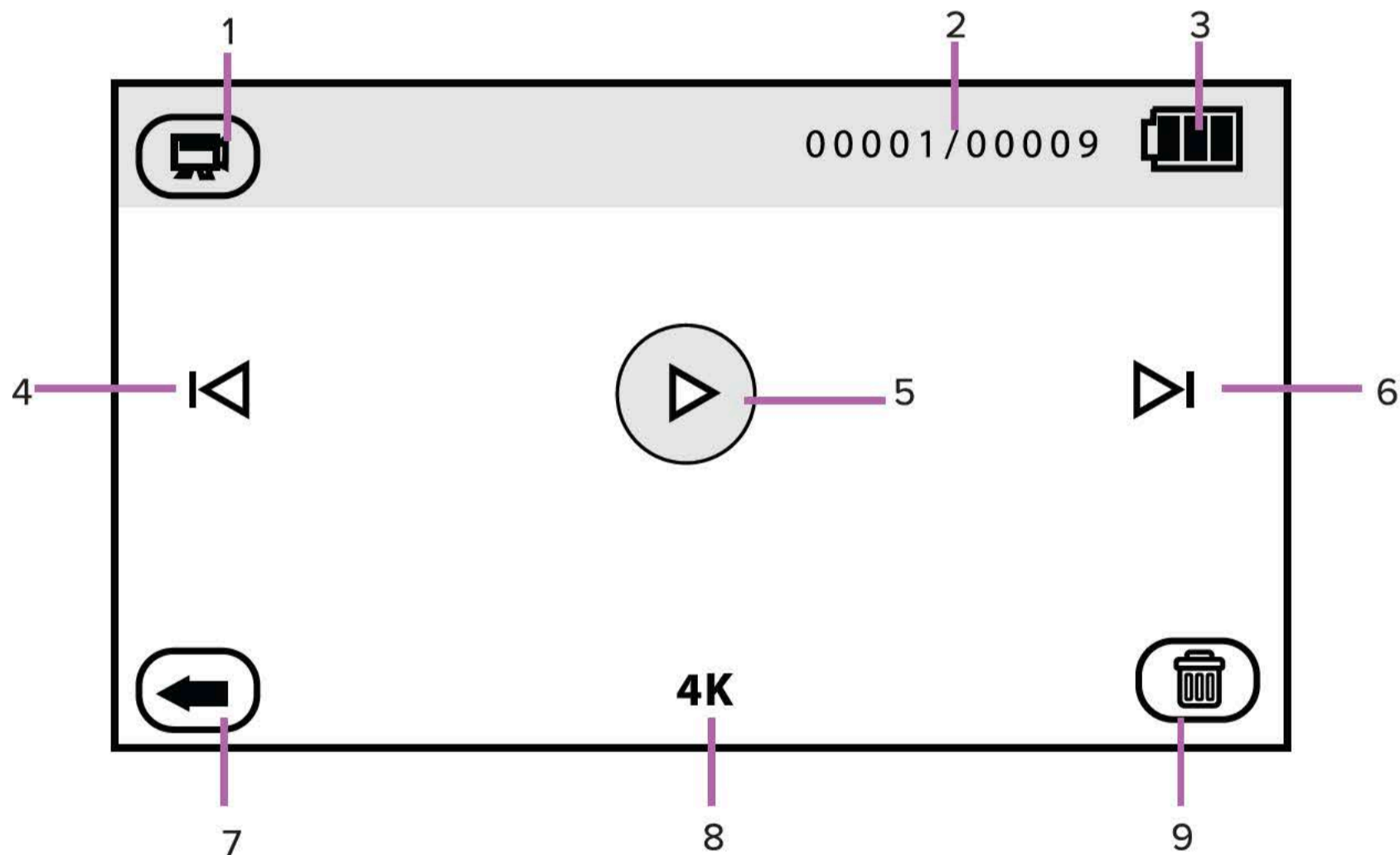
- | | |
|--|---|
| 1. Photo Mode | 7. Play Back Mode (press screen to access) |
| 2. Date | 8. Resolution |
| 3. Time | 9. Pictures Taken/Total that can be taken on card |
| 4. Memory Card (appears when inserted) | 10. Zoom |
| 5. Battery Status | 11. Mode (press screen to change mode) |
| 6. Exposure Setting | 12. Settings (press screen for settings mode) |

Playback

Power on and press the **Mode/OK** button to enter the Mode select menu. Then press the up/down arrows repeatedly until Playback is selected, and press Mode/OK to select.



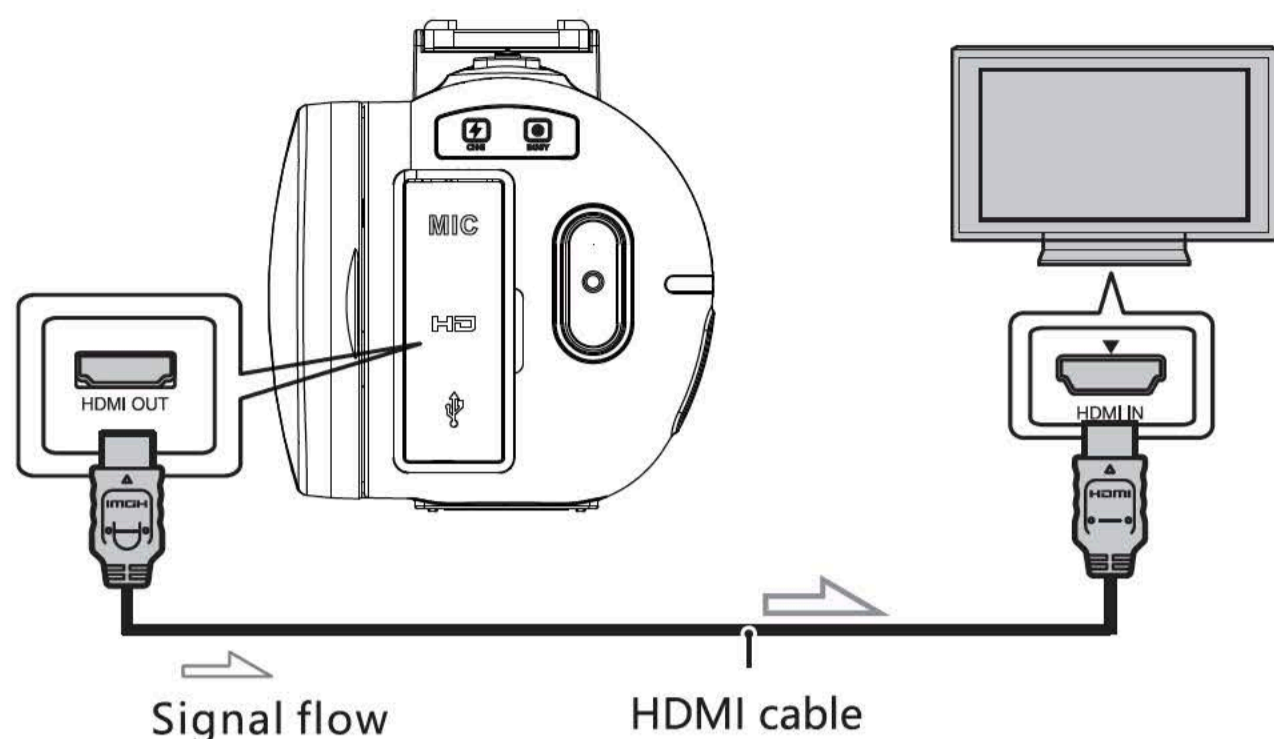
In Playback Mode, press the **Up/Down** button to scan photos/videos. Press the **REC/Stop** button to play/stop the video playback.



Playback Mode Icons

- | | |
|-------------------------------|------------------------|
| 1. File Type (Photo or Video) | 7. Exit Play Back Mode |
| 2. File Number/Total Files | 8. Resolution |
| 3. Battery Status | 9. Delete File |
| 4. Last File | |
| 5. Play Video/Stop Video | |
| 6. Next File | |

Playback on TV

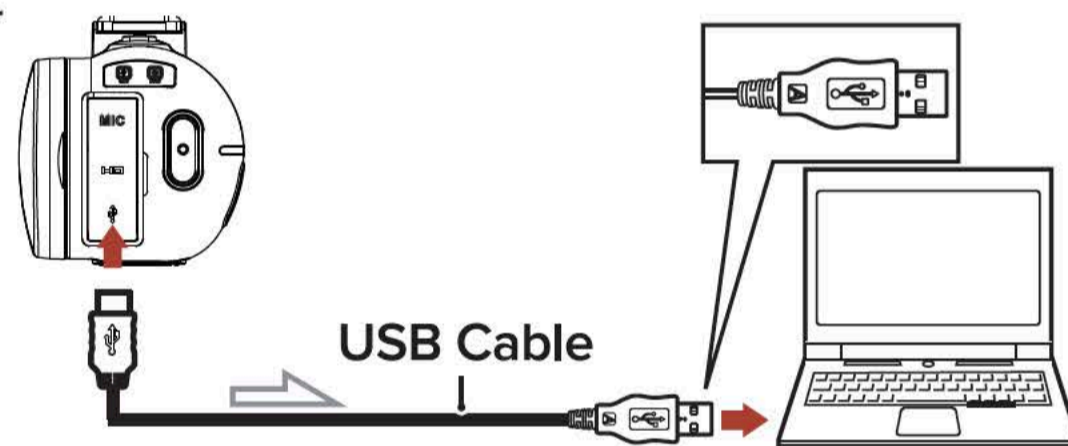


1. Connect the HDMI OUT of the camcorder to the HDMI IN jack of a TV using the supplied HDMI cable.
2. Set the TV input to HDMI in.
3. Playback images on the camcorder.

Connect to computer

Connect the camcorder to a computer to transfer your captured images to your computer. The camcorder can also be used as a PC camera.

1. Connect the Mini USB port of the camcorder and the USB port of the computer using the supplied USB cable.



2. Power on the camcorder. The screen displays the following options as shown below.

Press the **Up/Down** button to choose "Mass storage" or "PC Camera". Then press the **Mode/OK** to confirm the setting.

Transfer files:

Select "Mass storage". The computer displays the memory card disk of the camera. You can then transfer these files from the memory card to your computer.

PC Camera:

After selecting "PC Camera", open the computer's camera program and select USB camera. The real-time images captured by the camera will be displayed on the computer.

Connect to the DV King 4K app

Use your camcorder's built-in Wi-Fi functionality to download photos or video from the camcorder to your smartphone.

Download the app

Search for "DV King 4K" on Google Play (Android) or on Apple App Store (iOS) to download the app.

The app is can also be downloaded by scanning the following QR code:

Android



iOS



System requirement:

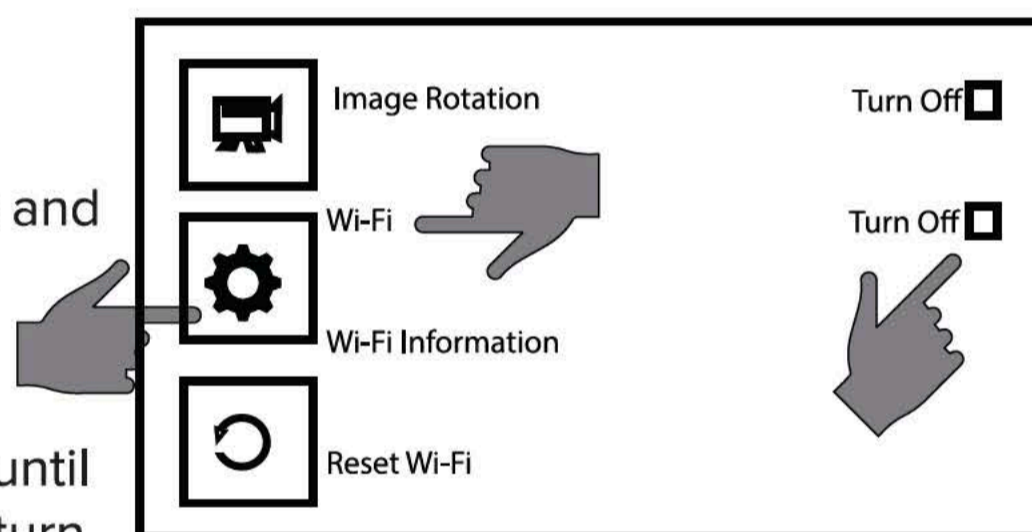
- * Android 6.0 or higher is required
- * iOS 8.0 or higher is required

Connect to the camcorder's Wi-Fi network

Note: The camcorder's Wi-Fi cannot be used to access on-line social networks. It is only for your smartphone's access to the camcorder.

Once your camcorder is powered on, press the MENU button to enter the settings menu. In the setting menu, use the up or down arrow buttons and press the Mode/OK button to choose settings options.

Press the up or down arrow buttons repeatedly until Wi-Fi is selected. Press the Mode/OK button to turn Wi-Fi on.



The following information displays on your camcorder's screen:

Wi-Fi ID: 4K_WIFI

Wi-Fi pwd: 12345678

Press UP to turn off WIFI

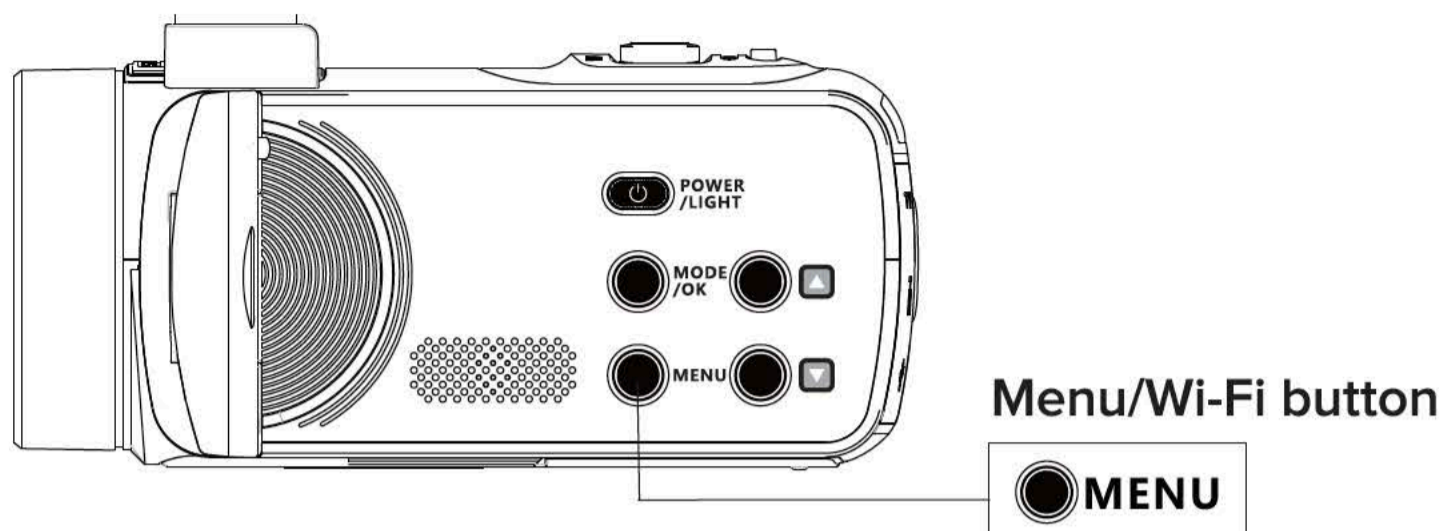
Go to your phone's settings menu, and make sure that Wi-Fi is turned on. Connect to the network named "4K_WIFI" and if prompted, enter a password of 12345678

Once connected, open the DV King 4K app to download photos or videos. Note that 4K videos may be too large in many instances to download over a Wi-Fi connection.

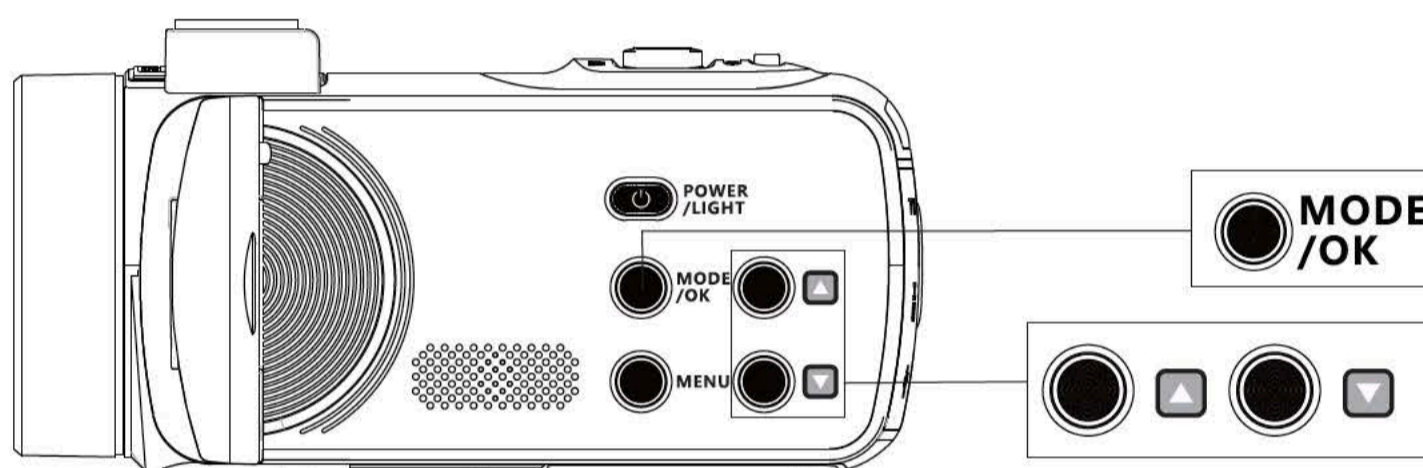
IMPORTANT NOTE: When using the DV King 4K app, you may be asked if you would like the app to automatically connect to your Wi-Fi network each time you run the application. Choose Yes when prompted, as failure to do so may cause difficulty when connecting to your camera's Wi-Fi.

Accessing Menus

After powering on the camcorder, press the **Menu/Wi-Fi** button to open the settings menu.



Select a menu option with the **Up/Down** button, then press the **Mode/OK** button to open the sub-menu.



Press the **Up/Down** button to select a desired menu item and then press the **Mode/OK** button to confirm your selection.

Press the **Menu/Wi-Fi** button to return to the previous menu.

Accessing the Mode Menu

After powering on the camcorder, press the Mode/OK button to go to the Mode Menu. You can switch between different camera and camcorder modes using the mode menu. Use the arrow buttons to highlight a mode of your choice and press the Mode/OK button to select that mode.

Menu List (Video Modes)

Menu List (Photo Modes)

VIDEO MODE

Recording Resolution

- 4k 30fps (default)
- 2.7k 30fps
- 1080p 60 or 30fps
- 720p 120,60, or 30fps

EIS (image stabilization)

Turn ON/OFF

White Balance

- Auto
- Sunny
- Cloudy
- Incandescent
- Flourescence

Exposure Setting

-3, -2, -2, 0, 1, 2, 3

Metering Mode

- Average
- Center
- Spot
- Matrix

Sharpness

High, Middle, Low

Video Quality

High, Middle, Low

ISO

- AUTO
- 100-200-400-800
- 1600-3200-6400

Time Watermark

Turn ON/OFF

Record Audio

Turn ON/OFF

SLOWLY MODE

Same as Video Mode PLUS

Slowly Rec

- 1080P 4X
- 1080 2X
- 720P 8X
- 720P 4X

LOOP MODE

Same as Video Mode PLUS

Video Length

2, 3, 5 minutes

LAPSE MODE

Same as Video Mode PLUS

REC Interval

0.5, 1, 2, 5, 10, 30, 60 sec

PHOTO MODE

Plixel Inset

- 56M 20M
- 48M 12M
- 30M 8M
- 24M

White Balance

- Auto
- Sunny
- Cloudy
- Incandescent
- Flourescence

Exposure Setting

-3, -2, -2, 0, 1, 2, 3

Metering Mode

- Average
- Center
- Spot
- Matrix

Sharpness

High, Middle, Low

Long Exposure

auto 2s, 5s, 10s, 15s, 20s, 30s

ISO

- AUTO
- 100-200-400-800
- 1600-3200-6400

Time Watermark

Turn ON/OFF

AUTO MODE

Same as Photo Mode PLUS

Photo Interval

3s, 10s, 15s, 20s, 30s

BURST MODE

Same as Photo Mode PLUS

Photo Frequency

3P/S, 5P/S, 10P/S

TIMER MODE

Same as Photo Mode PLUS

Countdown

3s, 5s, 10s, 20s

Menu List (Settings Mode)

Menu List (Playback Mode)

Image Rotation
Turn ON/OFF
Wi-Fi
Turn ON/OFF
Wi-Fi Information
(shows ID & password)
Reset Wi-Fi
Confirm /Cancel
Light Source Frequency
Auto
50Hz
60Hz
LED Indicator
Turn ON/OFF
Auto Screen Saver
Turn ON/OFF
Auto Power Off
Turn OFF
3, 5, 10 minutes
Button Prompt
High, Middle, Low, Off
Startup Music
Open, Close
Language
English
Français
Español
Português
Deutsch
Italiano
简体中文
繁體中文
Русский
日本語
(languages may vary)

Time Format
YYY/MM/DD
MM/DD/YYYY
DD-MM-YYYY
Time Set
hour--minute--second
Date Set
year--month--day
Format
Confirm /Cancel
Device Info
Software Version
Update Time
Factory Reset
Confirm /Cancel

Delete
Confirm
Cancel

Recordable time of videos

The following data shows the approximate maximum recording time based on different video resolution and capacity of the memory card.
Recordable time may vary depending on shooting conditions and the different type of memory card.

Video time / Video size \ Size of memory card	16GB	32GB	64GB	128GB
4k 30fps	1h.22min.	2h.45min.	5h. 31min.	11h.05min
2.7k 30fps	2h.20min.	4h.41min.	9h.23min.	18h.55min.
1080p 60fps	2h.05min.	4h.13min.	8h.28min.	16h.59min.
1080p 30fps	3h.23min.	6h.48min.	13h.40min.	27h.24min.
720p 60fps	4h.44min.	9h.33min.	19h.09min.	38h.21min
720p 30fps	8h.44min.	17h.36min.	35h.20min	70h.44min.

Note:
* If the video size exceeds 4GB while recording, the camcorder automatically divides the file and creates a new one.
This is a fundamental limit of all FAT file systems. The maximum allowed file size on a FAT volume is 4GB. This restriction ensures that the video can be played on the computer.

FCC Statement

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

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.

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.

RF Exposure Information

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

E-Waste Notification

PLR IP Holdings, LLC, its licensees, affiliates, and Sakar International, Inc. fully supports all electronic waste initiatives. As responsible stewards of the environment, and to avoid violating established laws, you should properly dispose of this product in compliance with all applicable regulations, directives or other governances in the area where you reside. Please check with local authorities or the retailer where you purchased this product to determine a location where you can appropriately dispose of the product.

You may also go to www.polaroid.com and reference Social Responsibility <https://polaroid.com/pages/social-responsibility> to learn more about the specific laws in your area and to locate a collection facility near your home.

If your electronic device has internal memory on which personal or other confidential data may be stored, you may want to perform a data sanitization process before you dispose of your device to assure another party cannot access your personal data. Data sanitization varies by the type of product and its software, and you may want to research the best sanitization process for your device before disposal. You may also check with your local recycling facility to determine their data sanitization procedures during the recycling process.