

8K
ULTRA HD



DIGITAL CAMCORDER

Quick Guide



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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.
- 3.) Do not expose the batteries to excessive heat such as sunshine, fire, or the like.
- 4.) Do not ingest batteries to avoid chemical burn hazards.
- 5.) Keep new and used batteries away from children. If the battery compartment doesn't securely close, discontinue use of the product and keep it out of children's reach.
- 6.) If you suspect that batteries have been swallowed or inserted into any part of the 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.

Avoid short-circuiting and prevent metal objects from coming into contact with the battery terminals.

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

Do not incinerate or throw batteries into a 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, a burst, fire, or injury may result.

Dispose of used batteries according to the provided instructions.

Use a nearby wall outlet (wall socket) when using the AC Adapter/Battery charger. If any malfunction occurs, disconnect the plug from the wall outlet (wall socket) immediately to disconnect from the power source. In case of any malfunction, immediately unplug the device from the wall outlet to disconnect it from the power source.

Do not use the AC adapter/Battery charger placed in a narrow space, such as between a wall and furniture.

If static electricity or electromagnetism causes data transfer to discontinue midway (fair), restart the application or disconnect and connect the communication cable (USB, etc.) again.

About the camera

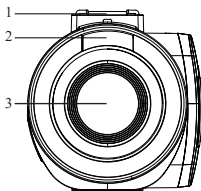
System Requirements

Users can transfer videos and photos to computers with the following configurations:

Intel Pentium 2.0 GHz or higher/Microsoft Windows XP or higher operating system 2GB RAM 40GB above available disk memory/Standard USB interface/1GB GPU or higher 1920x1080 pixel or higher resolution.

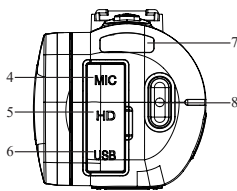
Parts and controls

Front side view

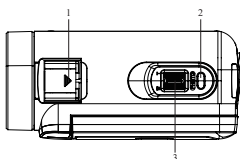


- 1: Cold shoe
- 2: IR light
- 3: Lens

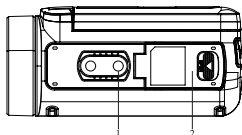
Back side view



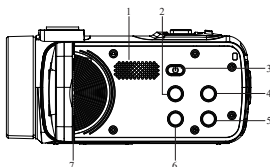
- 4: External MIC Jack
- 5: HDMI output interface
- 6: Type-C USB interface
- 7: Charge/Busy indicator
- 8: Rec/Stop button

Top side view

- 1: Cold shoe
 2: Photo shutter
 3: Digital Zoom in/out

Bottom side view

- 1: Tripod hole
 2: Battery/memory card slot cover

Left side view

- 1: Built-in speaker
 2: Mode button
 3: Power / OK / light button
 4: UP button
 5: Down button
 6: Menu button
 7: Built-in MIC

Buttons/ Indicators	Functions
POWER	Power on / off
	Switch fill light mode
	Confirm
MODE	Open/close mode menu
MENU	Set the shooting menu and system
UP	menu Upward
	Long press to open the WiFi
DOWN	Downward

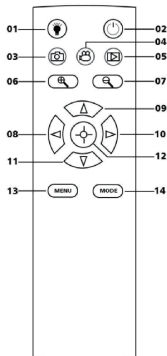
W/T	Digital zoom out / in
PHOTO	Take photo
	Pause of recording
Shoot video button	Shoot start/end
Indicator light BUSY	Working indicator light
Indicator light CHG	Charging indicator light
Cold shoe	Base for installing microphone and fill light
MIC interface	External microphone interface(3.5mm diameter plug, self-powered recording microphone)
HD	TV HDMI cable interface
USB	USB cable charging
	Connect the computer with USB cable

Remote Control

Both remote control models can be used, as they may vary due to different sales regions and configurations. It does not affect the use effect.

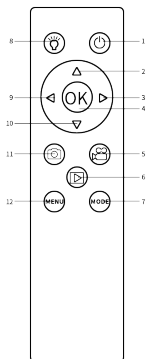
(1) This remote control uses CR2025 or CR2032 3V button batteries, and its distance is 65.6 ft (20 meters). In an unobstructed environment, it can remotely control the camera from a 360-degree angle.

Note: Pull out the insulating paper at the bottom of the remote control before use. Insert the insulating paper when not in use to avoid battery power loss.



- 01: Fill light button
- 02: Power button
- 03: Photo button
- 04: Video button
- 05: Playback
- 06: Zoom in button
- 07: Zoom out button
- 08: Left
- 09: Up
- 10: Right
- 11: Down
- 12: Ok button
- 13: Menu button
- 14: Mode button

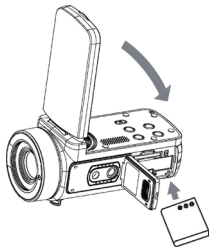
(2) The remote control uses 2 AAA batteries. In an unobstructed environment, it can be remotely controlled for a distance of 20 meters. It can remotely control the camera from a 360-degree angle.



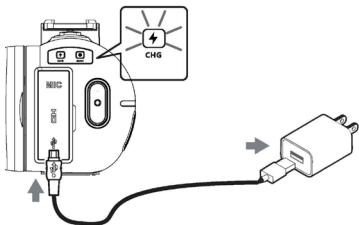
- 1:Power button
- 2:Up button / digital zoom in
- 3:Right button
- 4:OK button
- 5:Shoot video button
- 6:Playback button
- 7:Mode button
- 8:Fill light button
- 9:Left button
- 10:Down button / digital zoom out
- 11:Take photo button
- 12:Menu button

Charging the battery

1. Power off your camcorder, open the battery cover, and insert the battery in the direction shown in the following picture then closes the battery cover.



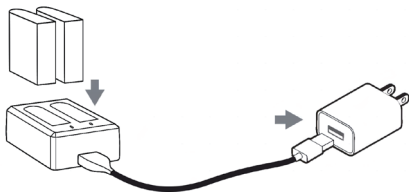
2. You can use supplied USB cable to charge your camcorder via an adapter (5V/1A~5V/2A).



*The charging indicator will be turned on in red when the battery is in charge.

*The charging indicator will be turned off automatically when the battery is fully charged.

3. Charge the battery with a standard external charger and put the battery directly into the charger. (The standard package does not include, please consult the seller for details)



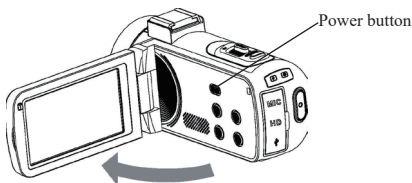
*The external charger charging indicator will be turned on in red when the battery is in charge. The indicator light will turn blue when the battery is fully charged.

It typically takes around 2 hours to fully charge the battery.

A fully charged battery provides approximately 90 minutes of recording time.

Power on/off the camcorder

Open the touch screen, the camcorder will be powered on automatically.

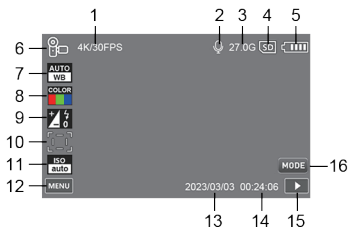


Alternatively, you can power on the camcorder by pressing the Power button. To power off the camcorder, close the screen or hold and press the Power button for 3 seconds.

Notes:

It takes 5 seconds to power on/off the camcorder by opening the screen. If you open/close the screen twice in this reaction time, it may cause the camcorder can not power on/off properly. Allow the camcorder to complete the power on/off process before operating it again.

Introduction to startup interface



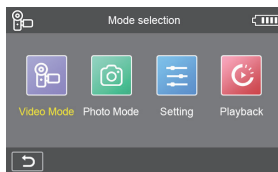
- | | |
|--|-----------------------|
| 1: Video resolution | 9: Exposure value |
| 2: Video sound | 10: Metering mode |
| 3: Remaining memory space of memory card | 11: ISO |
| 4: Memory card | 12: Current mode menu |
| 5: Remaining battery power | 13: Date |
| 6: Current mode | 14: Time |
| 7: White balance | 15: Playback |
| 8: Filter | 16: Mode |

Touchscreen functionality overview

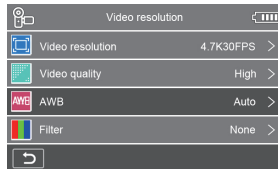
Tap the screen icon (white balance, filter, exposure value, metering mode, sensitivity) to adjust the parameters, and tap the blank area of the screen to hide all the icons on the display.



1: Tap the blank area of the screen and swipe down to access the mode selection interface.



2: Tap the blank area of the screen and swipe up to access the current mode menu.



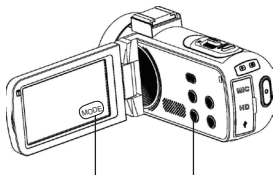
3: Tap the blank area of the screen and swipe to enter Playback mode.



Set the camcorder

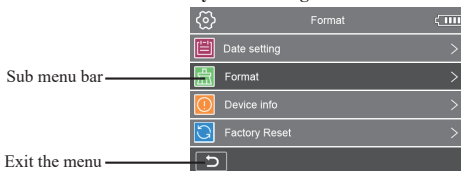
You can make custom settings for the camcorder.

After turning on the camera, tap the mode icon on the screen or press the mode button to open the mode menu. Tap the system setting icon on the screen or press the "Up" or "Down" button. Once the cursor is on the system setting, press the OK button to enter the system setting.



Tap the screen OR Press the MODE button

System Settings



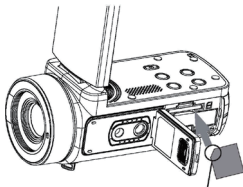
Sub-menu	Menu content
Screen brightness	Middle/Low/High
Anti-flicker	Auto/50Hz/60Hz
Wi-Fi	Turn On/Turn Off (Press OK to switch)
Indicator light	Open/ Close (Press OK to switch)
Screen saver	Close/30s/1min/2min
Automatic shut-down	Close/3min/5min/10min
Tone settings	High/Middle/Low/Close
Audio noise	Close/Open
Boot Poweroff music	Open/ Close (Press OK to switch)
Remote control	Open/ Close (Press OK to switch)
Icon display	Open/ Close (Press OK to switch)

Language	Simplified Chinese/traditional Chinese/English/ Japanese/Korean/Russian/German/French/Italian/ Spanish/Portuguese/Thai
Time Format	Y/M/D M/D/Y D/M/Y
Time Setting	hour minute second
Date Setting	Year month day
Format	(SD Card)Format/Cancel
Device info	Product model and version
Factory Reset	Cancel/OK

Insert and format the memory card

A class 10 or higher speed memory card is recommended for normal use.

1. Open the battery cover and insert the memory card until you hear a “click” sound.



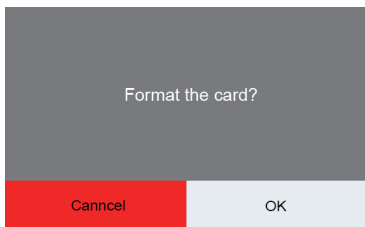
Insert the card with the noted corner in the direction as illustrated.

2. To remove the memory card, open the cover and push the memory card; it will pop up automatically.

Format the memory card

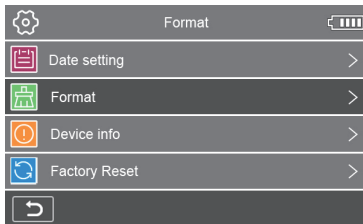
It is recommended to format the memory card before the first use.

To format the memory card, please click the mode icon on the screen or press the mode button to open the mode selection. Then tap the System Settings icon to open System Settings. Press the Up/Down buttons or swipe down the screen until “Format”, then tap Format or press the Power button to get the sub-menu. Select “Format” to format the memory card.



Note:

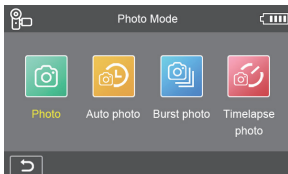
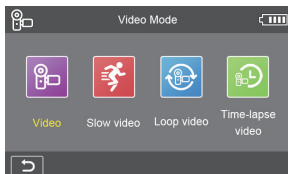
If the memory card is not in native format, the screen will pop up a prompt: Card error.., please format the memory card as the above operation.



Formatting the memory card will erase all the data stored on it and the data will be irrecoverable. Save your important data on your PC before formatting.

Using the camcorder

After powering on the camcorder, video capture mode is the default mode. Press the mode button or tap the mode icon on the screen to enter the mode selection page. Tap the on-screen video mode or photo mode icon to select the desired.

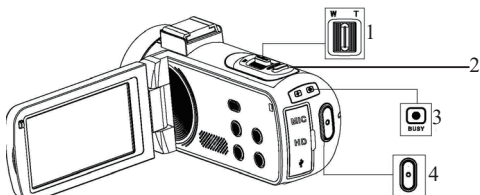


MODE	illustrate
Video	Normal recording mode
Slowly video	Slow motion shooting
Loop video	Recording infinite loop
Time-lapse video	Fast action shooting
Photo	Take a single photo normally
Auto photo	Automatically cycle and take photos after a specified number of seconds
Burst photos	Take a specified number of photos in succession
Timelapse photo	Take a single photo after a specified number of seconds
Playback	Play the video or photo

The camera supports setting the corresponding mode menu in different modes. After choosing your desired mode, then tap the “Menu” icon on the screen or press the Menu button to open the menu and select the desired settings according. Press the Photo Shutter button to take a photo, the photo will be saved to the memory card automatically.

Press the record/stop button to start recording and press it again to stop recording.

You can also press the PHOTO button to pause or resume recording while recording.



1: Digital Zoom in/out button

2: Photo shutter button

3: Busy indicator

The light flashes while recording.

4: Record/Stop recording

Press to start recording, and press again to stop the recording. Note: The camcorder can not take a photo in video mode.

Fill light

Short press the power button for the first time to turn on the night vision light, short press the power button for the second time to turn on the fill light and short press once to turn off the fill light.

Mic interface

The camera's MIC interface supports an external recording microphone with a 3.5mm diameter plug and self-powered.

Note: This interface does not support a headphone connection.

Playback

Open the touch screen, tap the Mode icon of the screen, or press the Mode button to open the mode options.

Tap the screen media library icon or press the “Up” or “Down” button, when the cursor is on the “Media Library”, press the “OK” button to enter the media library. Select the video or photo you want to view, and press the Up/Down button to scroll through the videos or images stored on the memory card.

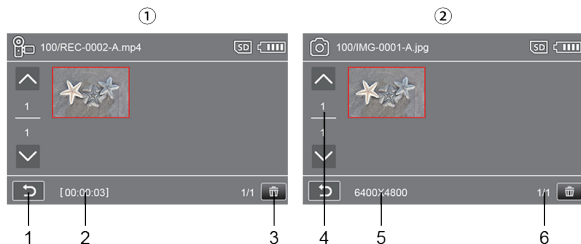


Figure 1: Video playback

Figure 2: Photo playback

1: Click to exit playback or press the photo/video button to exit playback

2: Recording time length

3: Click to delete the current photo/video or press MENU to delete

Note: cannot be restored after deletion

4: Current/total pages

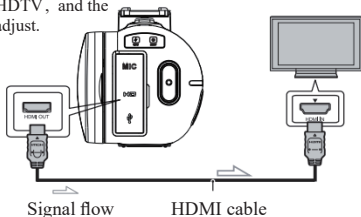
5: Resolution of the current photo

6: Current/total number of images

Playback on HDTV

Connect your camcorder to an HDTV or computer monitor (provided they have an HDMI input interface) using an HDMI cable. Plug the mini HDMI end of the cable into the camcorder's HDMI interface and the other end into the HDTV's HDMI input interface. Make sure to stop recording or playing back images before connecting or disconnecting the HDMI cable. (Adjust the TV source to HDMI mode). Use a Mini HDMI to HDMI Cable for this connection.

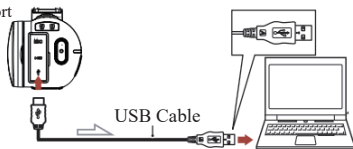
Note: After connecting to the HDTV, the camera's display content will automatically switch to the HDTV, and the camera will automatically adjust. It is not a malfunction.



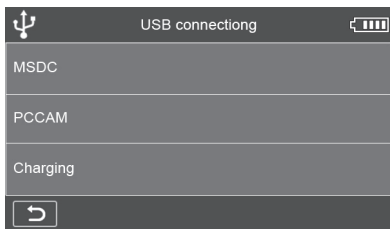
Connect to computer

Connect your camcorder to a computer to transfer images or use the camcorder as a PC camera.

1. Connect the Type-C USB port of the camcorder to the USB port of the computer using the supplied USB cable.



2. The camcorder will powered on automatically and display available options on the screen.



Tap the desired option or press the UP/DOWN button then press the Power button to confirm the settings.

Charging Mode

Select the charging mode, the camcorder supports the function of recording normally.

Power off the camcorder would be fully charged faster than keeping it powered on.

Mass Storage Mode

Select "MSDC", and the computer will display the camera's storage card drive, and you can copy the files from the camera's storage card to the computer.

PC Camera

Select the "PC Cam" mode, the camera can be used as a webcam.

Note: While the camcorder is used as a PC Camera, only the digital zoom lever can be operated on the camera, and other functions cannot be used.

Connect to the WIFI App

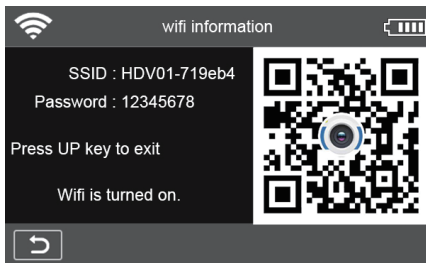
Note: This Wi-Fi connection is for the camera app only, and it cannot directly connect to the internet. (The Wi-Fi of the camcorder cannot access social networks; it is for smartphone access to the camcorder only.)

(1) Scan the QR code below to download the WIFI application.



(2) After downloading the app, long press the "up" button to turn on the camera's Wi-Fi, and the Wi-Fi ID and password will be displayed on the screen of the camera.

Turn off the WIFI function: In the WIFI connection state, press the UP button to cut off the WIFI signal source of the camera, and the camera returns to the normal show state.



(3) On your smartphone, go to Settings---Wi-Fi--- [Camera Wi-Fi ID] and then enter the password displayed on the camera screen.

(4)After successfully connecting to WiFi, open the app to control the camera (take photos/videos) and download photos/videos from the camera to your smartphone.

(5) To share photos and videos on social media through the app:

Step 1: In the app, go to the File Preview page, click the icon below and select the photo or video to download.

Step 2: Exit the app, re-enter the "Offline album" page of the app, and select and share the downloaded photos or videos on social media. At this point, disconnect the camera's Wi-Fi hotspot and connect to your mobile phone or tablet's mobile data.

(If you can view the downloaded photos or videos in your device's local album, skip "Step 2" and directly share them on social media or chat apps.)

(Note: Sharing multiple video files or a mix of photos and videos at the same time is not supported.)

Camera cleaning and maintenance

(1) If you're not using the camera for an extended period, remove the battery and store it in a dry, dust-free environment with a temperature below 86°F (30°C).

(2) To prolong the battery's life, fully discharge it before storing.

(3) Fully discharge and recharge the battery at least once every three months.

(4) If there's dust or dirt on the lens or screen, gently wipe it with a clean, soft lens cleaning cloth.

(5) Since this device is a precision instrument, avoid dropping it or subjecting it to strong impacts or vibrations.

Troubleshooting

If you encounter problems with the camera, please refer to this section.

1. Camera won't turn on after installing the battery:

(1) The battery may be low on power; replace it with a new one or charge it.

(2) The battery might be installed incorrectly; ensure it's inserted correctly.

(3) The battery insulating paper may not have been removed.

2. The battery is not charging:

- (1) If the charging indicator's red light flashes, the battery might be misplaced or have poor contact. Reinstall the battery until the indicator light stays on (the light turns off when the battery is fully charged).
- (2) If the charging indicator light is off, check if the charger is properly connected.
- (3) If the ambient temperature is below 50°F (10°C), charging may be slow or fail.

3. The remote control does not work:

- (1) Pull out the insulating paper at the bottom of the remote control. If it still doesn't work, remove and reinsert the remote control's battery.
- (2) The remote control can only turn off the camera remotely, not turn it on.

4. Camera crashes:

Rapidly pressing the camera buttons may cause it to freeze. If this happens, remove the battery and restart the device. Tip: Avoid quickly pressing the camera button when recording or taking pictures. The camera will display a waiting icon under normal circumstances.

5. The memory card cannot be recognized:

- (1) Check if the memory card is compliant with SD card (class 10) standards and has a maximum capacity of 256GB.
- (2) Ensure the memory card is not inserted backward.
- (3) Format the memory card before using it for the first time in the camera.

Additional notes

- (1) Don't insert any objects into the slot other than the memory card.
- (2) After powering on, the camera may display an unstable image for a few seconds; this is not a malfunction.
- (3) Due to the lens's optical properties, color dispersion (chromatic aberration magnification) may occur at the image edges; this is not a camera defect.
- (4) It's normal for the memory card to heat up after extended use.
- (5) The camera's screen heating up after prolonged use is normal.

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

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.

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

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

