

4K Dual Screen Waterproof Digital Camera



Easy Guide



Read me before use!

Keep manual and all relevant information for future reference.



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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 battery, chemical burn hazard.
5. 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.
6. If you think batteries might have been swallowed or placed inside any part of body, seek immediate medical attention.
7. Waterproof to a maximum depth of 5m (16 feet)

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, burst, fire or injury may result.

Dispose of used batteries according to the instruction.

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 immediately to disconnect from the power source. If you use the product with a charge lamp, note that the product is not disconnected from the power source even when the lamp turns off.

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 cause data transfer to discontinue midway (fail), restart the application or disconnect and connect the communication cable (USB, etc.) again.

About the camera

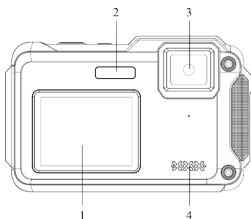
System requirement

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 pixel or higher resolution.

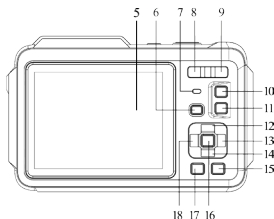
Parts and controls

Front side view



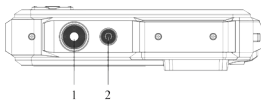
- 1: Front display
- 2: Fill light
- 3: Lens
- 4: Speaker

Bottom view



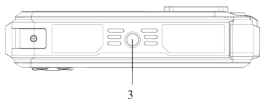
- 12: Up button/shortcut button for fill light
- 13: Right key/loop recording shortcut button
- 14: Down button/Delete button
- 15: Menu button
- 16: Confirm button
- 17: Front and rear display conversion button
- 18: Left button/continuous shooting shortcut button

Op side view



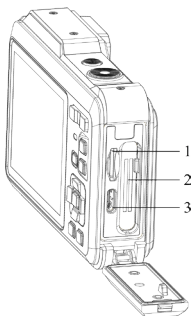
- 1: Photo button/Video button
2: Power button

Bottom side view



- 3: Tripod hole

Left side view



- 1: Memory card slot
2: battery compartment
3: Type-C USB interface

Buttons/ Indicators	Functions
POWER	Power on / off
PHOTO	Take photo
	Pause of recording
W	Digital zoom out
T	Digital zoom in
Play Back	Turn on media playback
MODE	Turn on/off mode selection

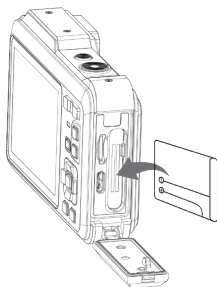
WIFI	Turn on WiFi
Up	Upward
	Turn on/off the fill light
Right	Rightward
	Mode switching between normal recording and loop recording
Down	Downward
	Delete photo/video
Left	Leftward
	Mode switching between normal photo taking and continuous photo taking
OK	Confirm
MENU	Open / Close menu settings
DISP	Convert front and rear displays
Indicator light	Working / Charging indicator light
USB	USB cable charging
	Connect the computer with USB cable

Note: In normal photo mode, press the left button to switch back and forth between continuous photo mode and normal photo mode.

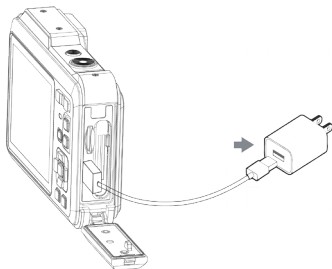
In normal recording mode, press the right button to switch back and forth between normal recording and loop recording.

Charging the battery

1. Power off your camera, open the battery cover and insert the battery in the direction as the shown of following picture, then close the battery cover.



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

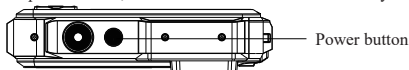


- * The charging indicator will be turned on in red when the battery is in charging.
- * The charging indicator will be turned off automatically when the battery is fully charged.

Normally it takes around 2 hours to full charging of the battery.
When the battery is fully charged, the battery life is around 60 minutes for recording

Power on/off the camera

Press the power button, the camera will turn on automatically.



To turn off the camera, press and hold the power button for 3 seconds.

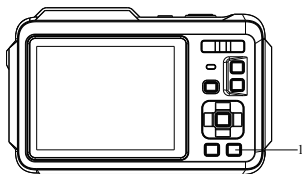
Note: When you turn on the camera for the first time, you need to press and hold the power button to turn it on.

When there is no battery in the battery compartment, you need to press and hold the power button to turn on the camera after you put the battery in.

Set the camera

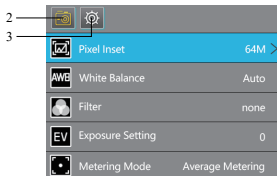
You can make custom settings of the camcorder.

After pressing the power button to turn on the camera, press the menu button to open the menu.



1: Press the MENU button

Menu Section



2: Sub-menu for current mode

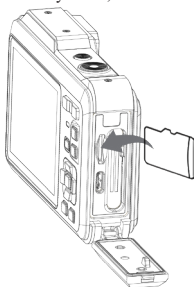
3: System settings

Sub-menu	Menu content
Image Rotation	Turn On/Turn Off (Press OK to switch)
icon display	Open/Close
Video focus mode	Auto focus/Fixed focus
Wi-Fi	Turn On/Turn Off (Press OK to switch)
Reset Wi-Fi	Confirm/Cancel
Light Source Frequency	Auto/50Hz/60Hz
LED indicator	Turn On/Turn Off (Press OK to switch)
Auto Screen Saver	Turn Off/30s/1min/2min
Auto Power Off	Turn Off/3min/5min/10min
Button Sound	High/Middle/Low/Turn Off
Startup Music	Open/Close
Language	Simplified Chinese/traditional Chinese/English/ Japanese/Korean/Russian/German/French/Italian/ Spanish/Portuguese/Thai
Time Format	YYYY/MM/DD MM/DD/YYYY DD/MM/ YYYY
Time Set	hour minute second
Date Set	Year month day
Format	(Micro SD Card)Format/Cancel
Device Info	Product model and version number
Factory Reset	Confirm/Cancel

Insert and format the memory card

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

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



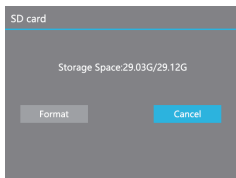
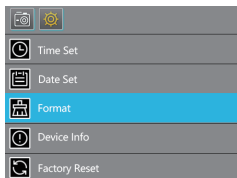
Insert the card with the noted corner in the direction as illustrated.

2.To remove the memory card, open the cover and push the memory card it will be popup automatically.

Format the memory card

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

To format the memory card, press the menu button to open the menu system. Then press the left or right button to switch to system settings. Press Up or Down to find "Format" and press OK to get the sub-menu. Select Format to format the memory card.



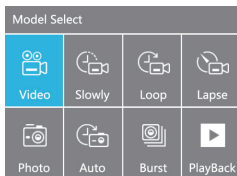
Note:If the memory card is not native format, the screen will pop-up a prompt: “Unsupported file system,do you want to format? ” please format the memor card as above operation.

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

Using the camera

After the camera is turned on, it defaults to the video shooting mode.

Press the MODE button to enter the mode selection page. Press the Up/Down/Left/Right button to select the desired mode, then press the OK button to confirm.



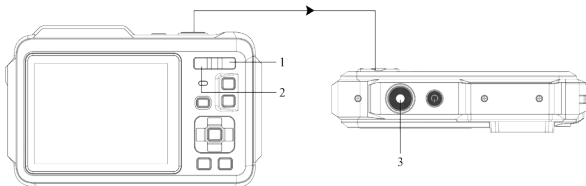
MODE	illustrate
Video	Normal recording mode
Slowly	Slow motion shooting
Loop	Recording infinite loop
Lapse	Fast action shooting
Photo	Take a single photo normally
Auto	Automatically cycle take photos after a specified number of seconds
Burst	Take a specified number of photos in succession
Play Back	Play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

The camera supports setting the corresponding mode menu in different modes.

After selecting the desired mode, press the menu key to open the menu and select the desired setting as required.

Press the camera button to take a photo, and the photo will be automatically saved to the memory card.

In video recording mode, press the camera key to start recording, and then press to end recording. You can also press the power button to pause/continue recording while recording.



1: Digital zoom button

T digital zoom zoom in/W digital zoom zoom out

2: Indicator light

The working indicator light flashes when recording

3: Photo button (video start/end button)

Press to start recording, then press to end recording

Note: The camera cannot take pictures in video mode

Focus function

This function includes two focusing modes: auto focus and manual focus. Press the menu button to open the menu, then press the left/right button to switch to system settings, press the up/down button to find "focus mode", press OK button to enter focus mode. Choose your desired focus mode.

Auto focus

In this mode, you only need to keep the camera steady when taking pictures or videos, and the camera will automatically focus. After the focus is completed, press the shooting button.




Manual focus

In this mode, when taking pictures or videos, press the shooting button halfway, and the focus mark frame will appear on the display until the camera is in focus. Then press the capture all key to take the best sharp photo or start recording with the clearest picture.

Fill light

In video recording mode, press the up button to quickly turn on or turn off the fill light.

In the camera mode, the fill light has three flash modes, and you can quickly switch between the three modes by pressing the up button.

	No flash
	Auto flash
	Mandatory flash

Note: When the fill light is in the automatic flash mode, the fill light will only flash when taking pictures in a dark environment. When switching to forced flash mode, the fill light will always be on.

Playback

Press the MODE button to open the mode selection, then Press the "Up/Down/Left/Right" button, when the cursor stays on the "Playback", press the "OK" button to enter the playback. press the Left/Right button to select to view the video or image stored in the camera memory card.

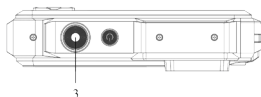
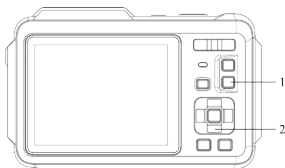
Press the playback button to quickly access media playback.



Figure 1: Video playback



Figure 2: Photo playback



1: Press the MODE button to exit playback

2: Press the Down button to delete the picture/video

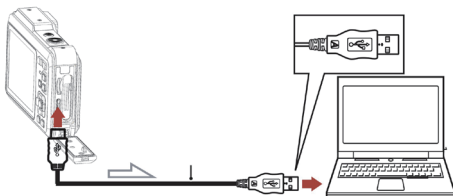
Note: Cannot be restored after deletion

3: Press the OK button to play/pause the video

Connect to computer

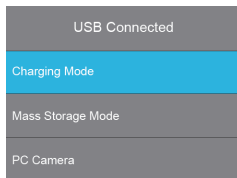
Connect the camera to computer is able to transfer the images to computer, also can use the camera as a PC camera.

1. Connect the Type-C USB port of the camera and the USB port of the computer with supplied USB cable.



2. The camera will turn on automatically and the screen will display the available options.

Press the Up/Down button to select the desired option, then press the OK button to confirm the option.



Charging Mode

Select the charging mode, the camera supports the function of recording normally. Power off the camera would be fully charged faster then keep powering on.

Mass Storage Mode

Select “Mass storage Mode”, the computer will display the memory card disk of the camera, and the computer can transfer the files into the memory card.

PC Camera

Select the “PC Camera” mode, the camera can be used as a webcam, live streaming, etc.

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

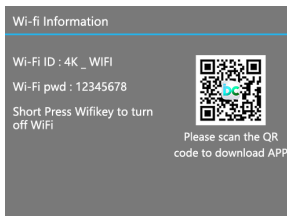
Connect to the iDC CAM app

Using the camera's built-in Wi-Fi allows you to manipulate the camera (take photos/videos) and also easily download photos/videos from the camera to your smartphone.

Download the app and connect the camera's Wi-Fi network

Search for “iDC CAM” from Google play (Android) or Apple app store (iOS) to download the app.

After the camera is turned on, press the WIFI button to turn on Wi-Fi. Then the Wi-Fi ID and password will be displayed on the camera screen.



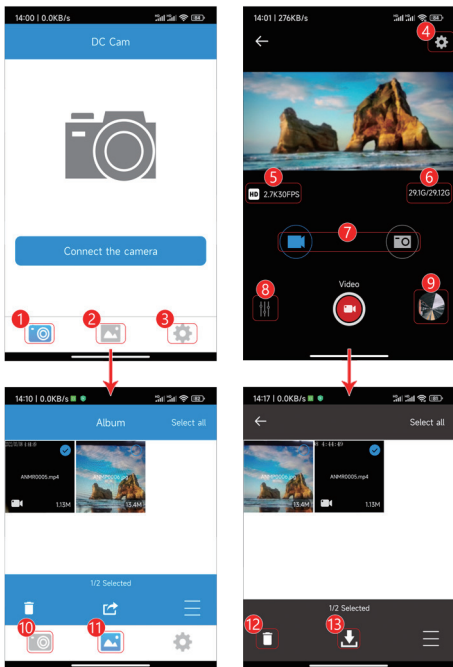
Turn on Wi-Fi on your smartphone or tablet, tap Settings---WLAN---4K_WIFI, then enter the password according to the camera's screen.

Note: The camera's Wi-Fi cannot access social networks, only for smartphones to access the camera.

System requirement (of smartphone):

* Android 6.0 or higher is required

* iOS 8.0 or higher is required



- 1: Click through the APP to view the live view and operate the camera
- 2: View images/videos downloaded from the app to your smartphone
- 3: System Settings
- 4: Camera settings
- 5: when pixel/resolution
- 6: The remaining storage space of the memory card
- 7: Switch the shooting mode of the camera
- 8: Switch the pixel/resolution of the current mode
- 9: View images/videos saved in the camera memory card
- 10: Delete images/videos downloaded from the app to your smartphone
- 11: Share images/videos downloaded from the app to your smartphone to social software
- 12: Delete images/videos from camera memory card
- 13: Download images/videos from the camera memory card to your smartphone

Waterproof instructions

The camera is waterproof up to 16 feet underwater, and can be used for normal shooting and video recording within 16 feet.

Before using the camera underwater, please ensure that the battery cover is closed to prevent water from flowing into the camera through the battery compartment and cause the camera to fail and cannot be used.

When the camera battery is fully charged, it can be used underwater for 60 minutes.

Camera cleaning and maintenance

(1) If you do not use the camera for a long time, take out the camera battery and place it in a dust-free, dry environment with a temperature no higher than 30 °C .

(2) In order to extend the service life of the battery, please discharge it completely before storage.

(3) Please fully discharge the battery at least once every 3 months after it has been fully charged.

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

(5) As this machine is a precision instrument, please do not drop it or suffer from strong impact or vibration.

Troubleshooting:

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

1. The camera cannot be turned on after installing the battery

(1) The battery power is insufficient, please replace the battery with a new one or charge the battery.

- (2) The battery is installed in reverse, please confirm that the battery is installed in the correct way.
- (3) The battery insulating paper is not removed.

2. The battery is not charging

- (1) If the red light of the charging indicator flashes, the battery is not in place or the contact is poor. Please re-install the battery until the indicator light is on (the indicator light goes out when the battery is fully charged)
- (2) The charging indicator light is off and the charger is not plugged in properly. Please check whether the charger is connected normally.
- (3) The ambient temperature is lower than 10°C, which may lead to slow charging or failure to charge.

3. Camera crashes

- (1) Quickly pressing each button of the camera may cause the camera to freeze. After it crashes, unplug the battery and reboot. Tip: When the camera is recording or taking pictures, do not quickly press the camera button. Under normal circumstances, the camera will display a waiting icon.

4. The memory card cannot be recognized:

- (1) Please check whether the memory card complies with Mirco card (class10), the maximum is not more than 256G.
- (2) Please check whether the memory card is inserted backwards.
- (3) When the memory card is used on the camera for the first time, it is recommended to format it first.

Additional notes

- (1) Do not insert any object into the slot except the memory card.
- (2) After the power is turned on, the camera may show an unstable image about for a few seconds, but this is not a fault.
- (3) Due to the optical properties of the lens, there may be color dispersion (magnification of chromatic aberration) at the edges of the image. This is not a camera fault.
- (4) It is normal for the memory card to get hot after a long period of use.
- (5) It is normal for the camera's screen to heat up after a long period of use.

FCC Warning:

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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this 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.

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