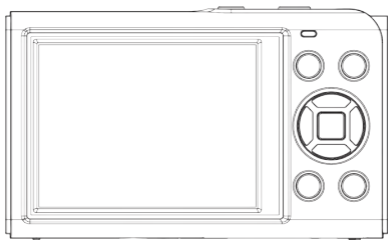


# DIGITAL CAMERA

## User Manual



Read me before use!

Keep manual and all relevant information for future reference.



# Contents

<b>WARNING</b> .....	1
<b>CAUTION</b> .....	1
<b>About the camera</b> .....	3
System requirement .....	3
Parts and controls.....	3
Charging the battery.....	6
<b>Power on/off the camcorder</b> .....	7
<b>Set the camcorder</b> .....	7
<b>Insert and format the memory card</b> .....	9
<b>Format the memory card</b> .....	10
<b>Using the camcorder</b> .....	11
Fill light.....	12
<b>Playback</b> .....	13
<b>Connect to computer</b> .....	14
Webcam.....	15
Connect to Zero cam application.....	15
Download the application and connect to the digital camera wireless hotspot program..	15
System Requirements (Smartphones).....	15
Introduction to WIFI operation.....	16
Charging Mode .....	17
USB Mode .....	17
PC Camera .....	17
Camera cleaning and maintenance.....	17
Troubleshooting .....	18
Additional notes .....	19

# 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.

# 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 onto 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 surface of 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 (wall socket)

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

---

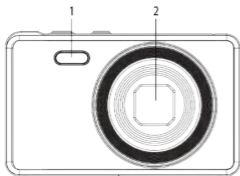
## System requirement

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

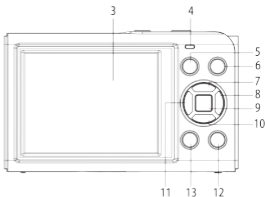
Intel Pentium 2.0GHz or higher/ Microsoft Windows XP or higher operating system 2GB RAM 40GB above available disk memory/ Standard USB interface / 1GB GPU or higher 1920x1080 pixel or higher resolution.

## Parts and controls

### Front side view



### Back side view



1: Fill light

2: Lens

3: Display screen

4: Charging/working indicator light

5: Digital zoom zoom in

6: Digital zoom out

7: Up Button/light fill shortcut Button

8: Right Button/shortcut

Button for timing photo

9: M Button

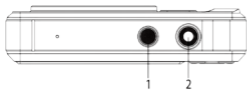
10: Down Button/Delete Button

11: Left Button/shortcut Button for continuous photo taking

12: Menu Button/Menu return Button

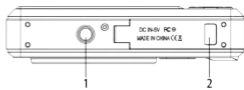
13: Playback Button

### Top side view



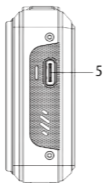
- 1: Power button
- 2: Photo button

### Bottom side view



- 1: Tripod interface
- 2: Battery/memory card slot

### Left side view

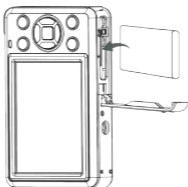


- 1: Type-C USB interfaceC

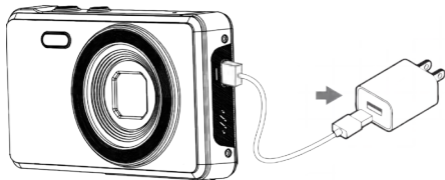
<b>Buttons/ Indicators</b>	<b>Functions</b>
POWER	Power on / off
	Pause of recording
PHOTO	Take photo
	Start/end recording
	Half press to focus
Indicator light	Red charging indicator/Blue working indicator
"+"	Digital zoom zoom in
"-"	Digital zoom zoom out
Up	Upward
	Turn on/off the fill light
Right	Rightward
	Short press in photo mode to switch to timing photo
M	Confirm
	Open the mode selection page
Down	Downward
	Delete photo/video
Left	Leftward
	Short press in camera mode to switch to continuous camera
MENU	Open/exit menu settings and system settings
Playback	Open/Exit Media Playback
USB	USB cable charging
	Connect the computer with USB cable

## Charging the battery

1. Turn off the power of the camera, open the battery cover, insert the battery in the direction shown in the figure below, and then close the battery cover.



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



\* 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.

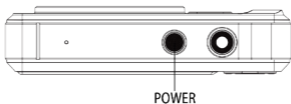
When the battery is fully charged, the battery life is around 70 minutes for recording.



## Power on/off the camera

---

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

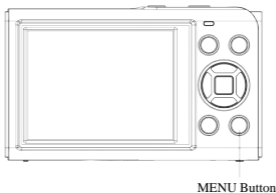


To turn off the camera, press and hold the power button for 3 seconds.  
Note: When you turn on the camera for the first time, you need to press and hold the power button to turn it on. When there is no battery in the battery compartment, you need to press and hold the power button to turn on the camera after you put the battery in.

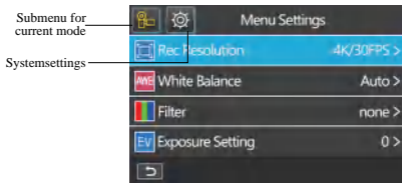
## Set the camera

---

You can make custom settings of the camera.  
After the camera is turned on, press the menu button to open the menu settings.



## Menu Section



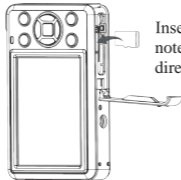
Sub-menu	Menu content
Image Rotation	Turn Off/Turn On
Icon display	Turn Off/Turn On
Video Focus Mode	Auto focus/Manual focus
Wi-Fi	Turn Off/Turn On
Light Source Frequency	Auto/50HZ/60HZ
LED Indicato	Turn Off/Turn On
Auto Screen Saver	Turn Off/30s/1min/2min
Auto Power Off	Turn Off/3min/5min/10min
Button Prompt	High/Middle/Low/Turn Off
Startup Music	Turn Off/Turn On
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 Card)Format/Cancel
Firmware Version	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.



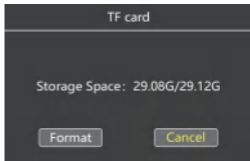
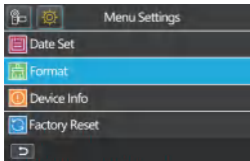
Insert the card with the noted corner in the direction as illustrated

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

# Format the memory card

---

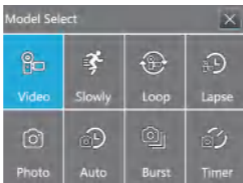
It is recommended to format the memory card before the first use. Format the memory card, press the menu button to open the menu, then press the left or right button to switch to system settings. Press the Up or Down button until "Format," then press the M button to get the sub menu. Select Format to format the memory card.











Note: If the memory card is not formatted, a prompt will pop up on the screen: "Unsupported file system, do you want to format?", please format the memory card according to the above operation. Formatting the memory card will erase all data stored on it, and the data will be unrecoverable. Save important data to your PC before formatting.

# Using the camera

The camera defaults to photo shooting mode after it is turned on. Press the M button to enter the mode selection page. Press the up/down/left/right buttons to select the desired mode, then press the M button to confirm.



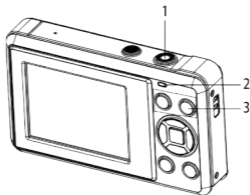
icon	Mode	illustrate
	Photo	Take a single photo normally
	Auto	Automatically cycle take photos after a specified number of seconds
	Time	Take a single photo after a specified number of seconds
	Drama Shot	Take a specified number of photos in succession
	Video	Normal recording mode
	Slow Motion	Slow motion shooting
	Lapse Video	Compress time to record video
	Loop	Recording infinite loop

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

After selecting the desired mode, press the menu button to enter the menu and select the desired setting if desired.

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

In video mode, press the photo button to start recording, and press the photo button again to stop recording. During recording, you can also press the power button to pause/continue recording.



1: Photo button (video start/end button)

Press to start recording, then press to end recording

2: Indicator light



The working indicator light flashes when recording

3: Digital zoom button

"+" button digital zoom zoom in/"-" button digital zoom zoom out.

## Fill light

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

	No flash
	Mandatory flash

# Playback

Press the playback button to enter media playback. Press Left/Right button to view videos and images stored in camera memory card.

Current/total number of images

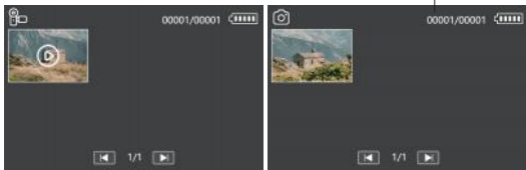
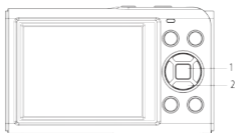


Figure 1: Video playback

Figure 2: Photo playback

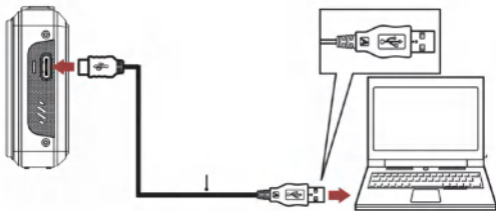


- 1: When viewing photos, you can use the +/- buttons to zoom in and out
- 2: Press M key to play/pause video
- 3: When viewing photos and videos, press the menu button to view photo or video information
- 4: In the playback state, press the menu button to enter the multi-select deletion state, press up/down/left/right to select the photo or video you want to delete, press the M key to confirm, and then press the delete button to delete the photo or video.(Press the playback button in the multi-select deletion state to select all files)
- 5: Press the playback button to exit video playback or photo playback

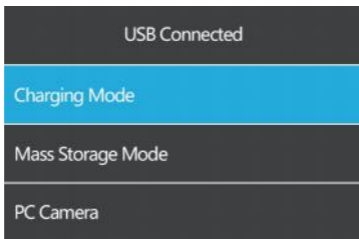
# Connect to computer

---

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 M button to confirm the setting.



## Connect to the Zero CAM app

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

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

After the camera is turned on, press the menu button to enter the menu, then press the left/right button to switch to system settings, then press the up/down button to find the "Wireless Hotspot" submenu and press the M button to turn on Wi-Fi. Then, Wi-Fi ID and password. The code will be displayed on the camera screen.

Use your phone to scan the QR code on the camera screen to download the app.



On your smartphone, go to Settings—WLAN—4K\_WIFI and enter the password according to the camera 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 to your smartphone from the app
3. System settings
4. Camera settings
5. Current resolution
6. The remaining storage space of the memory card
7. Set the shooting mode of the camera
8. View images/videos saved on the camera
9. Share images/videos downloaded from the app to your smartphone to social software
10. Delete images/videos downloaded from the app to your smartphone
11. Download images/videos from the camera to your smartphone
12. Delete images/videos from the camera

## **Charging Mode**

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

Power off the camcorder would be fully charged faster then keep powering on.

## **USB Mode**

Select "USB mode" and the computer will display the camera's memory card drive. You can transfer files from the storage to the computer on the computer.

## **PC Camera**

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

Note: When the camera is used as a webcam, only the digital zoom button can be operated on the camera and other functions cannot be used.

## **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**

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 TF 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.

**Warning:**

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

**NOTE:**

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.

**FCC Statement:**

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 compliance statement:**

This device has been evaluated to meet the general RF exposure requirement