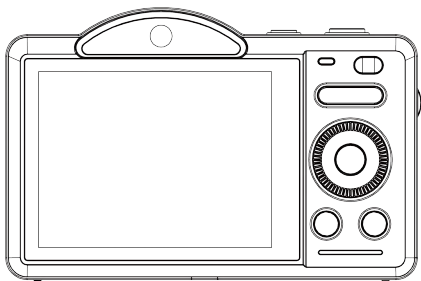


# Digital Camera User Manual



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.

# 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 AdapterBattery 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 walland 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

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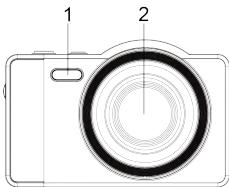
## System requirement

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.

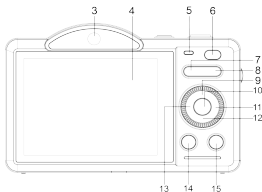
## Parts and controls

**Front side view**



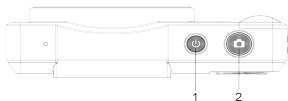
- 1: Fill light
- 2: Rear camera

**Back side view**



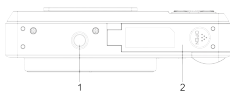
- 3: Front camera
- 4: Display screen
- 5: Charging/working indicator light
- 6: Front and rear camera switch button
- 7: Digital zoom zoom in
- 8: Digital zoom out
- 9: Up Button/light fill shortcut Button
- 10: M Button
- 11: Right Button/shortcut Button for timing photo
- 12: Down Button/Delete Button
- 13: Left Button/shortcut Button for continuous photo taking
- 14: Playback Button
- 15: Menu Button/Menu return Button

### Top side view



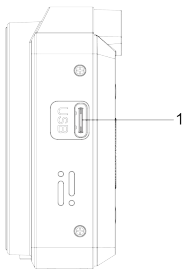
- 1: Power button
- 2: Photo button

### Bottom side view



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

### Left side view

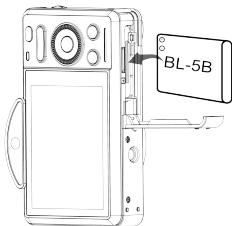


- 1: Type-C USB interfaceC

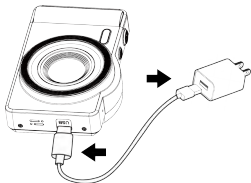
Buttons/ Indicatorsv	Functions
POWER	Power on / off
	Pause of recording
PHOTO	Take photo
	Start/end recording
	Half press to focus
Indicator light	Red charging indicator/Blue working indicator
"T"	Digital zoom zoom in
"W"	Digital zoom zoom out
Up	Upward
	Turn on/off the fill light
Right	Rightward
	Short press to open the mode selection page
M	Confirm
	Short press to 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.

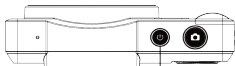
When the battery is fully charged, the battery life is around 70 minutes for recording.



# Power on/off the camera

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



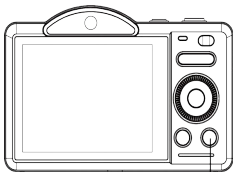
POWER

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

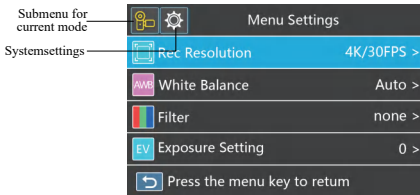
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You can make custom settings of the camera.  
After the camera is turned on, press the menu button to open the menu settings.



MENU BUTTON

## Menu Section



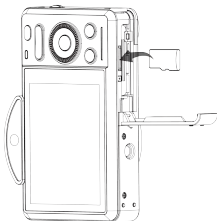
Sub-menu	Menu content
Image Rotation	Turn Off/Turn On
icon display	Turn Off/Turn On
Video Focus Mode	Auto focus/Manua focus
Wi-Fi	Turn Off/Turn On
Light Source Frequency	Auto/50Hz/60Hz
LED Indicator	Turn Off/Turn On
Auto Screen Saver	Turn Off/30S/1 Minute/2 Minute
Auto Power Off	Turn Off/3 Minute/5 Minute/10 Minute
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	(Mirco SD Card)Format/Cancel
Device Info	Product Model and Software Version
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.

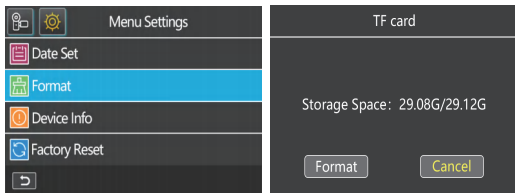


Insert the card with the noted corner in the direction as illusrated

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.



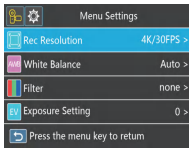
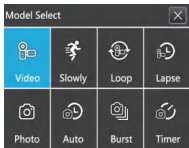
Note: If the memory card is not formatted, a prompt will pop up on the screen: "Unsupported file system, do you want to format?", please format the memory card according to the above operation.









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

After the camera is turned on, it defaults to photo shooting mode. Press the M button to open the mode selection, press the up/down/left/right buttons to select the mode you want, and press the M button to confirm.

After pressing the Menu button to enter the menu , you can change the current shooting mode parameters.



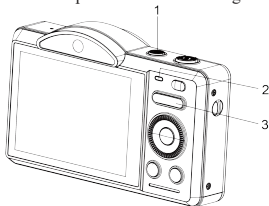
icon	Mode	illustrate
	Photo	Take a single photo normally
	Auto	Automatically cycle take photos after a specified number of seconds
	Time	Take a single photo after a specified number of seconds
	Drama Shot	Take a specified number of photos in succession
	Video	Normal recording mode
	Slow Motion	Slow motion 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. While recording, you can also press the power button to pause/resume recording.



1: Photo button (video start/end button)

Press the photo button to start recording, then press the photo button to stop recording.

2: Indicator light

The working indicator light flashes when recording




3: Digital zoom button

"T" button digital zoom zoom in/"W" button digital zoom zoom out.

## Fill light

In video mode, pressing the up button can quickly turn on or off the fill light.

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

	No flash
	Auto flash
	Mandatory flash

Note: When switched to forced flash mode, the fill light will always be on.

## Focus function

This function includes 2 focus modes: auto focus and manual focus.

Press the menu key to open the menu, then press the left and right keys to switch to system settings, press the up and down keys to find "Video Focus Mode", and press the M button to enter focus mode. Select the desired focus mode.

### Auto focus

In this mode, when taking a photo or recording a video, just keep the camera steady and it will automatically focus. After focusing is complete , press the photo button to take the photo or start recording.

### Manual focus

In this mode, when taking a photo or recording a video, half-press the photo button and the focus frame will appear on the display until the camera focuses clearly. Then press the photo button all the way down to take the clearest photo or start recording with the clearest image.

# 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

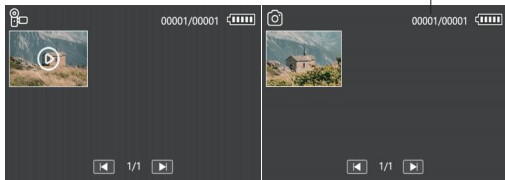
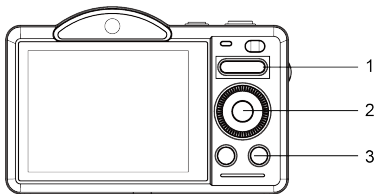


Figure 1: Video playback

Figure 2: Photo playback



1: You can use "T" "W" to zoom in and out when viewing photos

2: Press the down button to delete a photo/video.

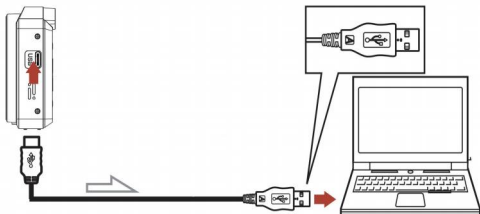
Note: Once deleted, it cannot be recovered.

3: Press the M button to play/pause a video.

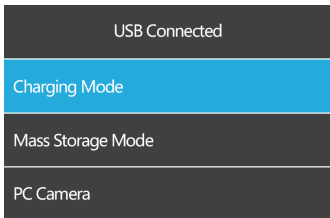


# Connect to computer

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.

## **Charging Mode**

Select the charging mode, and the camera supports normal recording functions.

The camera will charge fully faster when powered off.

## **Mass Storage Mode**

Select "Mass Storage Mode," and the computer will display the camera's memory card drive. You can transfer files from the storage to the computer.

## **PC Camera**

Select the "PC Camera" mode, and the camera can be used as a webcam for 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.

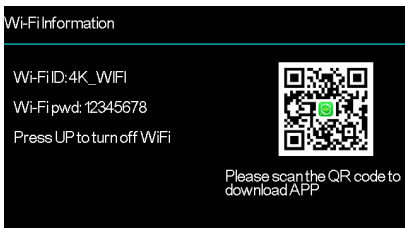
## **Connect to the Zero Cam app**

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**

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

After the camera is turned on, press the Menu button to enter the menu settings, and then press the Left/Right button to switch to the system settings. Then press the Down button to find the Wi-Fi sub-menu, then press the M button to confirm to enter the sub-menu and then turn on WiFi. After turning on WiFi the WiFi ID and password will be displayed on the camera screen.

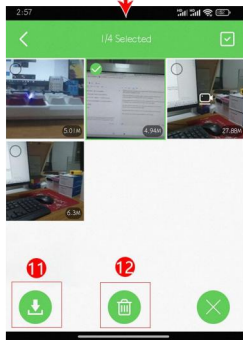
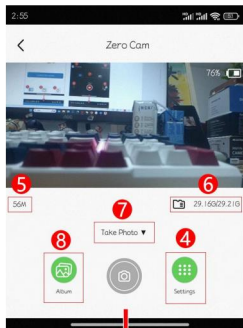
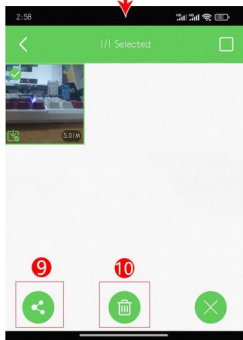
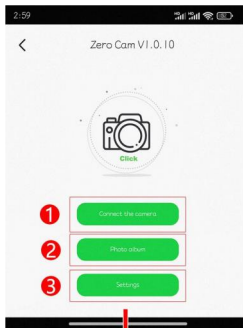


On your smartphone, go to Settings—WLAN—4K\_WIFI and enter the password according to the camera screen.

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: 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 on the camera
- 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 the camera

## **Camera cleaning and maintenance**

- (1) If you do not use the camera for a long time, remove the camera battery and place it in a dust-free, dry environment with a temperature no higher than 30℃.
- (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 device is a precision instrument, please do not drop it or subject it to strong impacts or vibrations.

## **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 correctly.
- (3) The battery insulating paper has not been 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 reinstall 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 correctly.
- (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, remove the battery and restart.

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 is a Mirco SD card (class10) and not larger than 256GB.
- (2) Please check whether the memory card is inserted backward.
- (3) When using the memory card with 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 turning the power on, the camera may display an unstable image 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