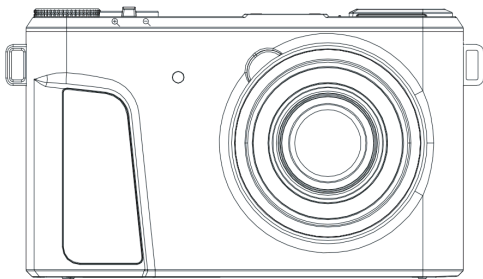


Digital Camera

Easy Guide



FCC Caution:

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.

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

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.

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

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Warnings

To reduce the risk of fire or electric shock,

1. Do not expose this unit to rain or moisture.
2. Do not place objects containing liquids, such as vases, on the unit.
3. Do not expose the battery to excessively hot environments, such as sunlight, fire, etc.
4. Do not swallow the battery; there is a risk of chemical burns.
5. Keep new and used batteries out of the reach of children. If the battery compartment is not securely closed, stop using the product and place it out of the reach of children.
6. If you think the battery might have been swallowed or placed into any part of the body, seek medical attention immediately.

Precautions

If the battery pack is handled improperly, it may burst, cause fire, or even chemical burns.

Please observe the following precautions.

1. Do not disassemble.
2. Do not crush the battery pack, and do not subject the battery pack to any impact or force, such as hammering, dropping, or stepping on.
3. Do not short-circuit; do not let metal objects touch the battery terminals.
4. Do not expose to temperatures above 60 (140), such as direct sunlight or inside a car parked in the sun.
5. Do not incinerate or dispose of in fire.
6. Do not handle damaged or leaking lithium-ion batteries.
7. Keep the battery pack out of the reach of children.
8. Keep the surface of the battery pack dry.
9. Only replace the battery with the specified model. Otherwise, it may cause bursting, fire, or injury.
10. Dispose of used batteries according to instructions.
11. When using the AC adapter/battery charger, use a nearby wall socket. If any malfunction occurs, unplug the plug from the wall socket. If you use a product with a charge light, note that the product is not disconnected from the power supply even when the light is off.
12. Do not use the AC adapter/battery charger in confined spaces such as between walls and furniture.
13. If static electricity or electromagnetic interference causes interruption during data transmission, restart the application or disconnect and reconnect the communication cable (USB, etc.).

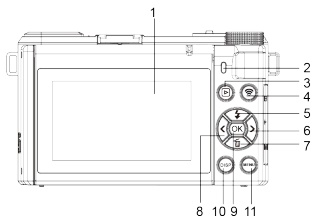
About the Camera

System Requirements

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

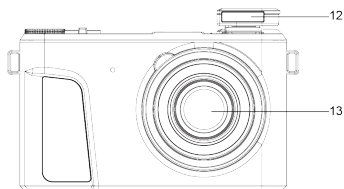
Camera Parts

Rear view



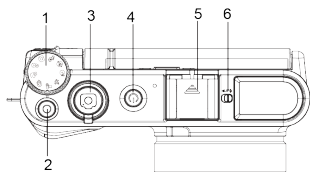
- 1: Display screen
- 2: Charging indicator light/working indicator light
- 3: Play button
- 4: WIFI button
- 5: Up button/fill light shortcut button
- 6: Right button/short press to switch filter mode
- 7: Down button/delete button

Front view

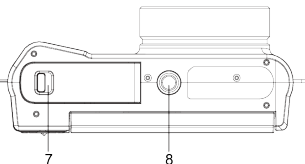


- 8: Left button/short press to switch filter mode
- 9: OK button
- 10: DISP button/short press twice to lock the screen
- 11: Menu button
- 12: Fill light
- 13: Rear camera

Top view



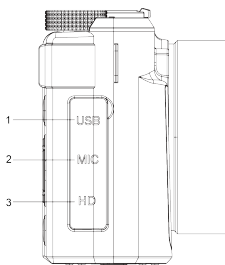
Bottom View



- 1: Mode dial
- 2: Record button
- 3: Shoot button
- 4: Power button
- 5: Cold shoe interface
- 6: Fill light mechanical lock

- 7: Battery compartment/memory card slot
- 8: Tripod interface

Left side view

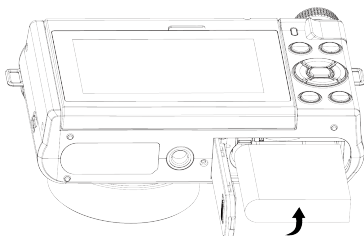


- 1: Type-C USB port
- 2: Microphone port
- 3: HD port

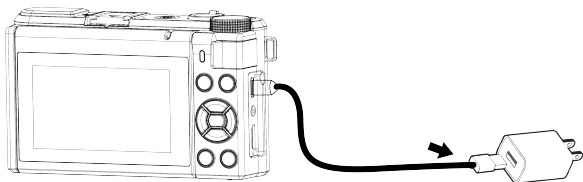
Button/Indicator	Function
Power button	Power on/off
	Short Press to Pause Video During Recording
Photo Button	Take Photo / Half Press to Focus
Video Button	Start Recording / Stop Recording
Mode Dial	Switch Shooting Mode
Fill Light Mechanical Lock	Open Built-in Fill Light
Hot Shoe	Mount for External Microphone, Fill Light Connector
Indicator	Red Charge Indicator / Blue Work Indicator
	Digital Zoom In / Volume +
	Digital Zoom Out / Volume -
Playback Button	Open / Exit Media Playback
WIFI Button	Turn On / Off WIFI
Up Button	Select Up
	Short Press to Turn Flash / Auto Flash On/Off
Right Button	Select Right
	Short Press to Switch Filter Mode
Down Button	Select Down
	Delete Photo / Video
Left Button	Select Left
	Short Press to Switch Filter Mode
OK	Confirm
DISP Button	Short Press Twice to Lock Screen
MENU	Open / Close Menu Settings
USB	USB Cable Charging
	Connect to Computer with USB Cable
MIC	External Microphone Interface (3.5mm)
HD	HD Cable Interface

Charging the Battery

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



2. You can charge the camera using the included USB cable and an adapter (5V/1A~5V/2A).



* When the battery is charging, the charge indicator lights up red.

* When the battery is fully charged, the charge indicator will automatically turn off. Usually, it takes about 2 hours to fully charge the battery.

After the battery is fully charged, the recording time is approximately 60 minutes.

Camera Function Introduction

Photo Mode Menu Settings

After selecting the corresponding mode, press the Menu key to enter the shooting mode setting menu.

Submenu	Menu Content
Pixel Setting	88M/84M/72M/64M/56M/48M/30M/24M/20M/12M/8M
Focus Mode	Auto focus/manual focus/fixed focus
Framing Grid	Off / Golden Ratio / Rule of Thirds / Cross Lines
White Balance	Auto / Sunny / Cloudy / Tungsten / Fluorescent
Beauty	Off / On
Filter	Normal / B&W / Negative / Nostalgic / Sepia / Warm / Cool / Vivid / Red / Green / Blue / Purple / Cyan / Yellow / Low Saturation / High Saturation / Dark Tone / Japanese Color
Exposure Setting	-3/-2/-1/0/1/2/3
Metering Mode	Average Metering / Center Metering / Spot Metering
Sensitivity	Auto / 100 / 200 / 400 / 800 / 1600 / 3200
Time Watermark	Off / On

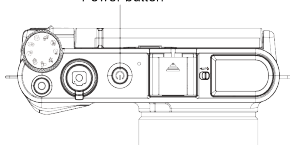
Video Recording Mode Menu Settings

Submenu	Menu Content
Video Resolution	8K 15FPS/6K 30FPS/5K 30FPS/4.7K 30FPS/4K 60FPS/4K 30FPS/2.7K 30FPS/1080P 60FPS/1080P 30FPS/720P 120FPS/720P 60FPS/720P 30FPS
Video Effect	High / Medium / Low
Focus Mode	Auto focus/manual focus/fixed focus
White Balance	Auto / Sunny / Cloudy / Tungsten / Fluorescent
Beauty	Off / On
Filter	Normal / B&W / Negative / Nostalgic / Sepia / Warm / Cool / Vivid / Red / Green / Blue / Purple / Cyan / Yellow / Low Saturation / High Saturation / Dark Tone / Japanese Color
Exposure Setting	-3/-2/-1/0/1/2/3
Metering Mode	Average Metering / Center Metering / Spot Metering
Sensitivity	Auto / 100 / 200 / 400 / 800 / 1600 / 3200
Time Watermark	Off / On
Recording Sound	Off / On
Audio Noise Reduction	Off / On

Turning On/Off the Camera

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

Power button



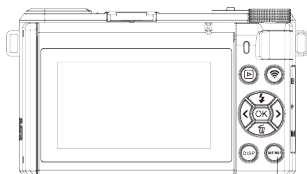
To turn off the camera, hold the power button for 3 seconds.

Note: When turning on the camera for the first time, you need to long press the power button to turn it on. When there is no battery in the battery compartment, after inserting the battery, you need to long press the power button to turn on the camera.

Setting the Camera

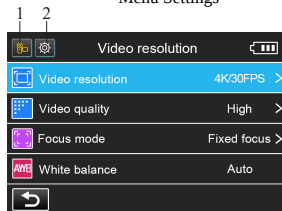
You can customize the camera settings.

After the camera turns on, press the Menu button to open the menu settings.



MENU

Menu Settings



1: Current Mode Submenu

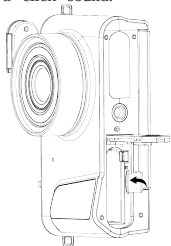
2: System Settings

Submenu	Menu Content
Focus Assist Light	On / Off
Backlight Brightness	Low / Medium / High
Light Source Frequency	50Hz / 60Hz
LED Indicator	On / Off
Auto Screen Saver	Off / 30 Seconds / 1 Minute / 2 Minutes
Auto Power Off	Off / 3 Minutes / 5 Minutes / 10 Minutes
Beep Setting	High / Medium / Low / Off
Power On/Off Sound	On / Off
Icon Display	On / Off
WIFI	On / Off
APP Usage Guide	Scan QR Code to View Tutorial
Language	Simplified Chinese / Traditional Chinese / English / Japanese / Korean / Russian / German / French / Italian / Spanish / Portuguese / Thai
Time Format	Year/Month/Day Month/Day/Year Day/Month/Year
Time Setting	Hour Minute Second
Date Setting	Year Month Day
Format	Confirm / Cancel
Device Information	Product Model and Version Number
Restore Factory Settings	Confirm / Cancel

Inserting and Formatting the Memory Card

It is recommended to use a memory card of Class 10 or higher speed for normal use.

1. Open the battery cover, insert the memory card into the memory card slot until you hear a "click" sound.

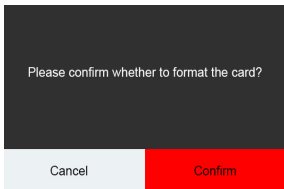
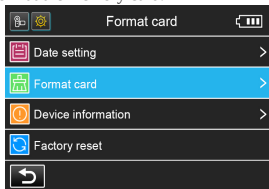


Insert the memory card in the direction shown in the figure, paying attention to the edges and corners.

2. Removing the memory card: Open the battery cover, push the memory card in, and it will automatically pop out.

Formatting the Memory Card

It is recommended to format the memory card before 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 the Up or Down Button to find "Format", then press the OK Button to enter the submenu. Select "Confirm" to format the memory card.



.Note: If the file system on the memory card is not supported, a prompt will pop up on the screen: "Unsupported file system, format?".

Please format the memory card as described above. Formatting the memory card will erase all data stored on it, and the data cannot be recovered. Save important data on your PC before formatting.

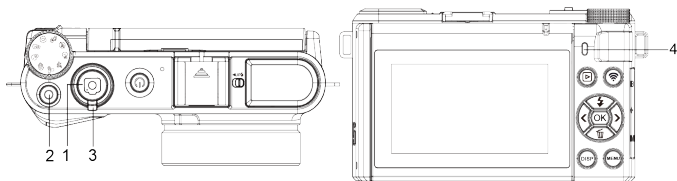
Using the Camera

After the camera is turned on, rotate the mode dial to select the desired mode.



Icon	Mode	Description
	Normal Photo	Take single photos normally
	Auto Photo	Automatically cycle shooting after specified seconds
	Timer Photo	Take a single photo after specified seconds
	Continuous Photo	Continuously shoot a specified number of photos
	Normal Video	Record video in normal mode
	Slow Motion	Record video in slow motion mode
	Time-Lapse Video	Record video in compressed time mode
	Loop Recording	Record video in infinite loop mode
	Video + Photo	During video recording, press to capture single photos at set interval times

Note: The camera supports setting the corresponding mode menu in different modes. After selecting the desired mode, press the Menu button to open the menu, and select the desired settings as needed. Press the photo button to take a photo, the photo will be automatically saved to the memory card. Press the recording button to start recording video, then press the recording button again to end video recording. During video recording, you can press the power button to pause or resume video recording.



1: Photo Button [Take Photo / Focus]

2: Video Button Start Recording / Stop Recording

3: Digital Zoom Toggle Button

⊕ Digital Zoom In/ ⊖ Digital Zoom Out

4: IndicatorWork indicator flashes during recording

Focus Function

This function includes 3 focus modes: Auto Focus / Manual Focus / Fixed focus mode. Press the Menu key to open the menu, then press the Left/Right key to switch to System Settings, press the Up/Down Button to find "Focus Mode", press the OK Button to enter the focus mode, and select the mode you need.

Auto Focus

In this mode, when taking photos or recording video, just keep the camera steady, and the camera will focus automatically. When finished, press the photo button.

Manual Focus

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

Fixed focus mode

In this mode, point the camera at the subject. When the subject appears clear on the camera screen, hold the camera steady and press the photo button to complete the photo and video.

Fill Light

Press the fill light mechanical lock to pop up the fill light. In video mode, press the Up button to quickly turn the fill light on or off. In photo mode, the fill light has three flash modes. Press the Up button to quickly switch between the three modes.

	No flash
	Auto flash
	Mandatory flash

Note: When the fill light is in auto flash mode, it will only flash when taking photos in a dark environment. When switched to forced flash mode, the flash will always light up.

Media Playback

Press the Play button to enter the media library. Select the video or photo file you want to view, then press the OK key to enter the corresponding file to view the videos and images stored on the camera's memory card

Current/total number of images

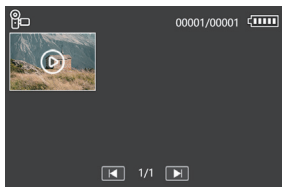


Figure 1: Video Playback

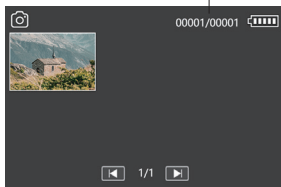
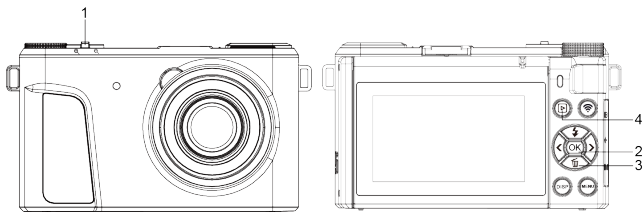


Figure 2: Photo playback



1: To view the details of the photo taken, you can turn  

Note: After zooming in, you can press up/down/left/right to move to see more details.

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

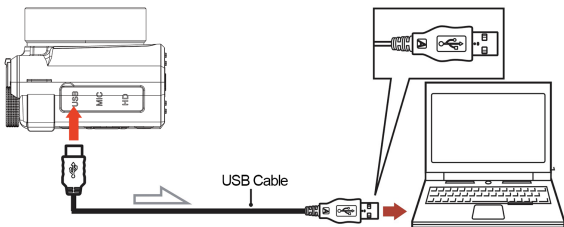
3: Press the key to delete the photo/video.

Note: Once deleted, it cannot be restored.

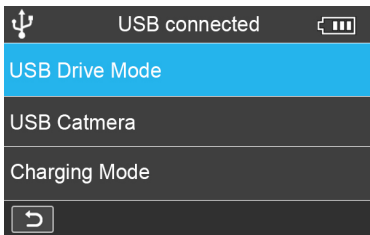
4: Press the play button to exit the video/photo playback

Connecting to Computer

1. Use the included USB cable to connect the camera's Type-C USB port to the computer's USB port.



2.1. The camera will automatically turn on, and the screen will display available options. Press the Up/Down Button to select the desired option, then press the OK Button to confirm that option.



U Disk Mode

Select "U Disk Mode", and the computer will display the camera's memory card drive. Files on the memory card can be transferred to the computer.

USB Camera

Select "USB Camera" mode, 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 on the camera can be operated; other functions cannot be used.

Charging Mode

Select Charging mode, the camera supports normal video recording functions. Turning off the camera power will charge it faster than leaving the power on.

WIFI APP User Guide

Press the MENU button to enter the menu, press the left/right button to enter the system settings, then press the up/down button to find the "APP Usage Guide" submenu bar, and finally press OK to scan and view the tutorial. To download WiFi, you can scan the QR code on the right below.



WIFI APP User Guide QR Code



WIFI APP Download QR Code

Camera Maintenance and Cleaning

- (1) If the camera will not be used for a long time, remove the camera battery and place it in a dust-free, dry environment with a temperature not exceeding 30.
- (2) To extend battery life, fully discharge the battery before storage.
- (3) After the battery is fully charged, fully discharge it at least once every 3 months.
- (4) If there is dust or dirt on the lens or screen, gently wipe it with a clean, soft lens cloth.
- (5) Since this unit is a precision instrument, do not drop it or subject it to strong impact or vibration.

Troubleshooting:

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

1. The camera does not turn on after installing the battery

- (1) Insufficient battery power, please replace with a new battery or charge the battery.
- (2) The battery is installed backwards, please confirm the battery orientation.
- (3) The battery insulating paper has not been torn off.

2. The battery does not charge

- (1) If the charge indicator light flashes red, it means the battery is not in place or has poor contact. Please reinstall the battery until the indicator light is on [the indicator light turns off when the battery is fully charged].
- (2) The charge indicator light does not light up, the charger is not plugged in properly. Please check if the charger is properly connected.
- (3) Ambient temperature below 10 may cause slow charging or inability to charge.

3. Camera freeze

Rapidly pressing various buttons on the camera may cause the camera to freeze. After freezing, remove the battery and restart.

Tip: Do not press camera buttons rapidly while the camera is recording or taking photos. Normally, the camera will display a wait icon.

4. Memory card not recognized:

- (1) Please check if the memory card is TF card (class10), maximum not exceeding 256G.
- (2) Please check if the memory card is inserted backwards.
- (3) When using the memory card on the camera for the first time, it is recommended to format it first.

Supplementary Notes

- (1) Except for the memory card, do not insert any objects into the slots.
- (2) After turning on the power, the camera may display an unstable picture for a few seconds; this is not a malfunction.
- (3) Due to the optical characteristics of the lens, chromatic dispersion [chromatic aberration magnification] may exist at the edges of the image. This is not a camera fault.
- (4) Heating of the memory card after prolonged use is normal.
- (5) Heating of the camera screen after prolonged use is normal.