

# Digital Camera

## User Manual



# Preface

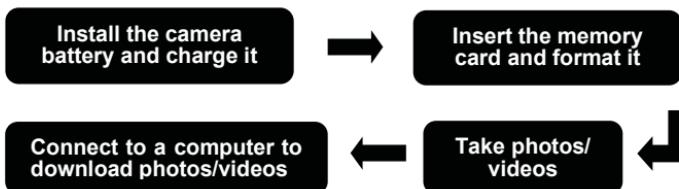
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Thank you for purchasing this camera! Before using the camera, please read this manual carefully and store it in a safe place for future reference. The contents of this manual reflect the latest information about the camera at the time of writing. The screen displays, illustrations, and other references are intended to explain the camera's operation more clearly. Due to technological advancements and production variations, the manual may differ slightly from the actual camera. Please refer to the actual product as the standard.

## Instructions for Use

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Please follow the steps below to use this camera



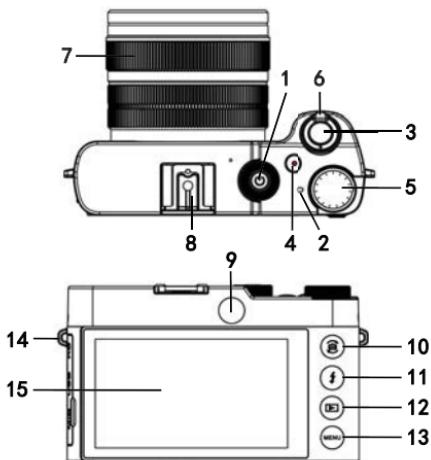
### Note!

- For a new memory card or one previously used in other devices, format it using this camera before use.
- Before formatting, back up the memory card's data to a USB drive, hard drive, or other media.

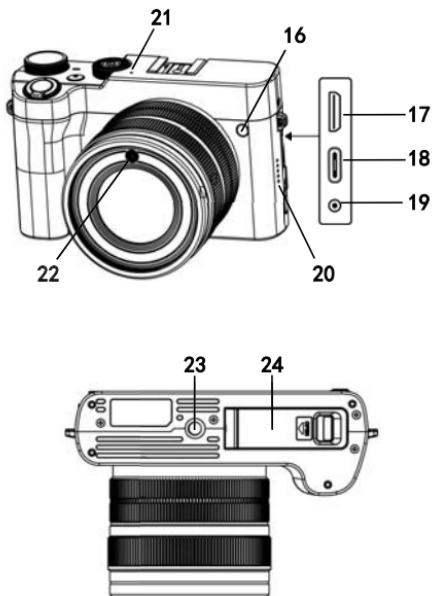
(Once the memory card is formatted, all data will be deleted!)

## Parts and Buttons Identification

\*Images are for reference only. Please refer to the actual product.



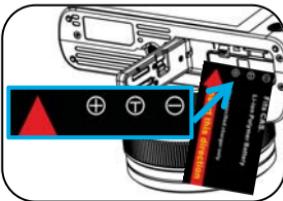
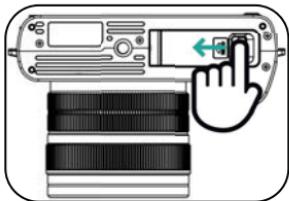
1	Power Button		2	Indicator Light
3	Shutter Button		4	Video Recording Button
5	Mode Dial		6	Zoom Lever W Q.T
7	Focus/Zoom Ring		8	Hot Shoe Mount
9	Front Camera for Selfies		10	Camera Switch/OK Button
11	Flash Button/Up Button		12	Playback Button/Down Button/Screen Display Button (Long Press)
13	Menu Button		14	Strap Mount
15	IPS High-Definition Touchscreen			



16	Focus Assist Light	17	HDMI Port
18	Type-C USB Port	19	MIC Port
20	Speaker Hole	21	Built-in Microphone Hole
22	Flash	23	Tripod Mount
24	Battery Cover (Battery and Memory Card Slot)		

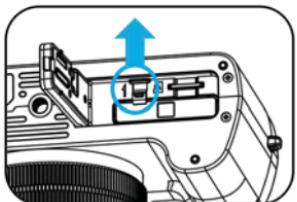
## Installing the Battery

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1. Slide the battery compartment latch towards the "OPEN" direction and open the battery cover.

2. Insert the battery as shown and push it in until it locks into place.

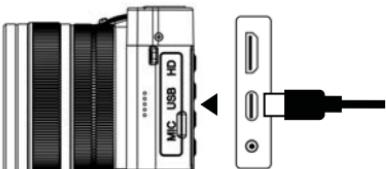


3. To remove the battery: Push the battery lock lever in the direction shown, and the battery will pop out. Remove the battery, then close the battery cover.

## Charging the Camera

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1. After installing the battery, use a Type-C USB cable and a 5V charger to charge the camera.



## 2. Indicator Light:

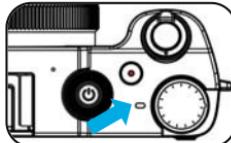
Red light steady on: Charging in progress.

Red light off: Charging completed.

Red light flashing: No battery installed.

Blue light flashing: Camera is recording video.

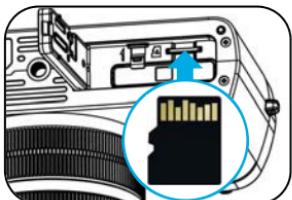
Blue light steady on: Camera is in standby mode.



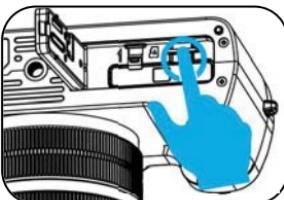
Note: For first-time use, please fully charge the battery before using the camera.

## Installing the Micro SD Memory Card

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1. Open the battery cover. Insert the Micro SD card as shown in the diagram, and press it in until it locks into place.

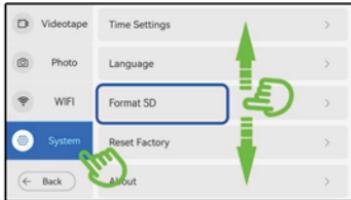


2. To remove the memory card: Press the memory card gently, release it slowly, and it will pop out. Remove the card.

### Notes:

- Turn off the camera before inserting or removing the memory card.
- For new memory cards or those used in other devices, format them using this camera before use.
- Insert the memory card in the correct direction. Avoid using excessive force to prevent damage to the memory card or camera components.
- If the memory card cannot be inserted, check the orientation.
- The camera supports 4GB-256GB Micro SD cards and SDHC Class 6 or higher cards.

# Formatting the Memory Card



## Method 1:

1. Turn on the camera and press the Menu button 「」 to enter the settings menu.
2. Press the Playback button (Down button) 「」 to select "System Settings" and press the OK button 「」 to enter the system settings menu.
3. Use the Down button 「」 to find "Format Memory Card" and press the OK button 「」 to confirm formatting.
4. Press the Menu button 「」 to exit the system settings menu, and press it again 「」 to exit the main settings menu.

## Method 2:

1. Turn on the camera and press the Menu button 「」 to enter the settings menu.
2. Tap the "System Settings" icon in the lower-left corner of the screen.
3. On the right side of the menu, swipe up or down to locate the "Format Memory Card" option.
4. Tap "Format Memory Card" to confirm formatting.
5. Tap the "Return" icon in the lower-left corner of the screen to exit the settings menu.

## Caution:

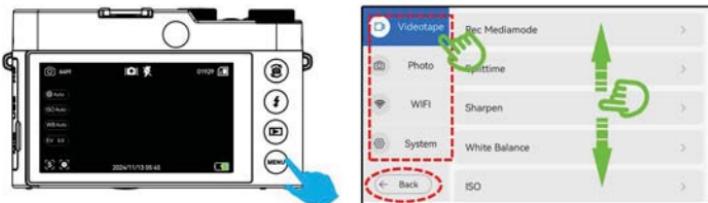
- Do not accidentally select "Format Memory Card" while using the camera.
- Formatting is only necessary for first-time use or if there are

compatibility issues.

- Regularly back up photos and videos to a computer.
- If you need to reformat the memory card, back up your data first, as formatting will erase all photos, videos, and other files.

## Camera Settings

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1. After turning on the camera, press the Menu button  during photo or video preview to enter the camera settings menu.
2. On the left side of the screen, tap “Video Settings,” “Photo Settings,” “Wi-Fi Settings,” or “System Settings.” The corresponding submenu will appear on the right side of the screen.
3. Swipe up or down on the submenu on the right side of the screen to locate the desired option, then tap it to confirm.
4. Once the settings are completed, tap the “Return” icon in the lower-left corner of the screen to exit the settings menu.

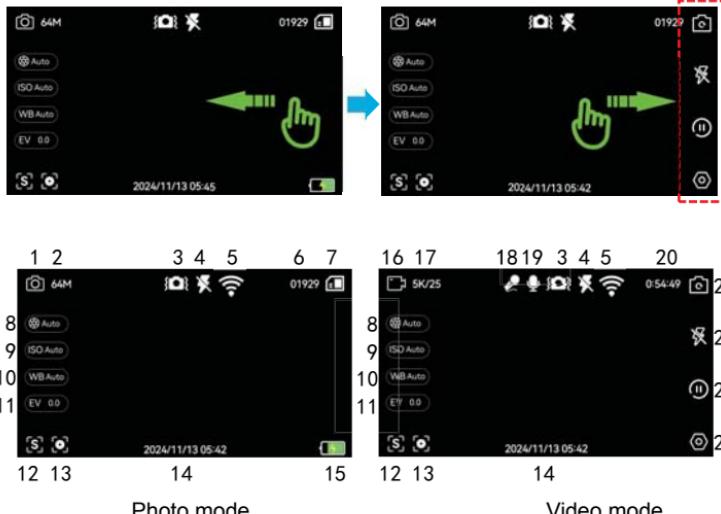
## Screen Icons

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During photo preview or video preview:

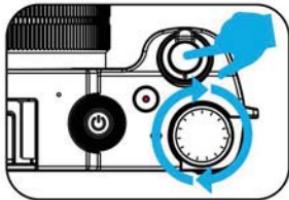
1. Swipe left on the camera screen to display hidden icons on the right side of the screen. Swipe right to hide them again.
2. Long press the Playback button  to toggle between showing and

hiding all screen icons.



1	Photo Mode	2	Photo Resolution
3	Image Stabilization	4	Flash Mode
5	WIFI	6	Remaining Photo Capacity
7	Memory Card	8	Shutter Speed
9	ISO Settings	10	White Balance
11	Exposure Settings	12	Focus Settings
13	Center Focus	14	Date and Time Watermark
15	Battery Level	16	Video Mode
17	Video Resolution	18	External Microphone
19	Audio	20	Remaining Video Recording Time
21	Switch to Front Camera	22	Flash Settings
23	Playback Mode	24	Settings Menu

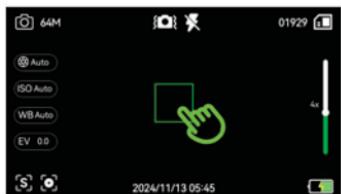
# Photo Mode



1. Rotate the Mode Dial to select the desired photo mode (e.g., Standard Photo, Portrait Mode, Landscape Mode, Creative Filter, Night Scene Mode).

2. Focusing and Taking Photos

(1) Single Focus Photo



Half-press the shutter button to focus.

Fully press the shutter button to take a photo.

- ① Press the Menu button → select “System Settings” → “Focus Settings” → “Single Focus” → tap “Return” to return to the preview mode.
- ② Adjust optical zoom using the Zoom Lever or the Zoom Ring on the lens.
- ③ Tap on the screen to select a custom focus area.
- ④ Half-press the Shutter Button until the focus box changes from white to green, indicating focus is complete. Fully press to capture the photo.

(2) Manual Focus Photo

- ① Select “System Settings” → “Focus Settings” → “Manual Focus” → tap “Return” to return to the preview mode.

- ② Adjust optical zoom using the Zoom Lever.
- ③ Rotate the lens's Focus Ring to achieve focus.
- ④ Once focused, fully press the Shutter Button to take the photo.

### (3) Auto Focus Photo

- ① Select "System Settings" → "Focus Settings" → "Auto Focus" → tap "Return" to return to the preview mode.
- ② Adjust optical zoom using the Zoom Lever or Zoom Ring.
- ③ Tap a specific area on the screen to set the focus point. The camera will automatically focus, and the focus box will change from white to green.

Fully press the Shutter Button to take the photo.

3. During photo preview, long press the Playback Button 「」 to toggle hiding or displaying all icons on the screen.

4. During photo preview, press the Menu Button 「」 → select "System Settings" → enable "Grid Lines" → tap "Return." A grid will appear on the screen for composition assistance.



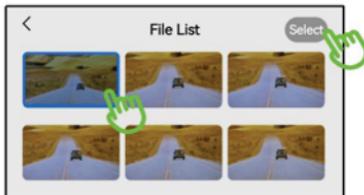
5. Use two fingers to pinch on the screen during photo preview to zoom in or out.

6. Press the Camera Switch Button 「」 to activate the front-facing camera. (Note: The selfie camera does not support zoom adjustments.)

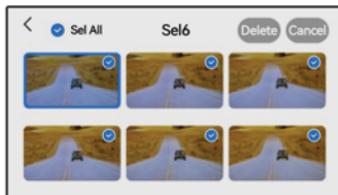
# Viewing Photos



1. In Photo Mode, press the Playback Button 「」 to enter playback mode.



2. Use the Up 「」 and Down Buttons 「」 to navigate through the photo list. Press the OK Button 「」 or tap on a photo to open and view it.



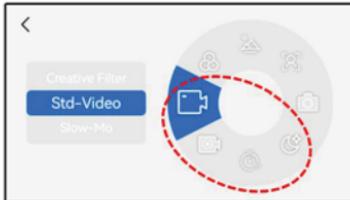
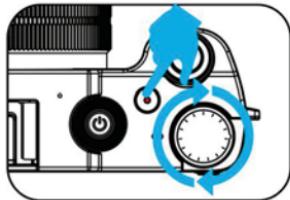
3. In the file list, tap the "Select" option in the top-right corner of the screen to delete photos.



4. After opening a photo, use the Up and Down Buttons (or swipe left or right on the screen) to view the previous or next photo.

5. Once done viewing, press the Menu Button twice to exit playback mode.

# Video Recording



1. Rotate the Mode Dial to select the desired video recording mode (e.g., Standard Video, Slow Motion, Time-Lapse, Night Scene Mode).

2. Focusing and Recording Videos

(1) Single Focus Recording



Half-press the Shutter Button



Press the Video Recording

- ① Press the Menu Button 「」 → select “System Settings” → “Focus Settings” → “Single Focus” → tap “Return” to return to preview mode.
- ② Adjust optical zoom using the Zoom Lever or Zoom Ring.
- ③ Tap on the screen to select a custom focus area.
- ④ Half-press the Shutter Button until the focus box changes from white to green. Then press the Video Recording Button to start recording.
- ⑤ Half-press the Shutter Button until the focus box changes from white to green. Then press the Video Recording Button to start recording.

(2) Manual Focus Recording

- ① Select “System Settings” → “Focus Settings” → “Manual Focus” → tap

“Return” to return to preview mode.

② Adjust optical zoom using the Zoom Lever.

③ Rotate the lens’s Focus Ring to achieve focus.

④ Press the Video Recording Button to start recording.

⑤ Press the Video Recording Button again to stop recording.

(3) Auto Focus Recording

① Select “System Settings”→“Focus Settings”→“Auto Focus” → tap “Return” to return to preview mode.

② Adjust optical zoom using the Zoom Lever or Zoom Ring.

③ Tap a specific area on the screen to set the focus point. The camera will automatically focus, and the focus box will change from white to green.

Press the Video Recording Button to start recording.

④ Press the Video Recording Button again to stop recording.

3. During video preview, long press the Playback Button 「」 to toggle hiding or displaying all icons on the screen.

4. During video preview, press the Menu Button 「」 → select “System Settings” → enable “Grid Lines” → tap “Return.” A grid will appear on the screen for composition assistance.



5. Use two fingers to pinch on the screen during video preview to zoom in or out.

6. Press the Camera Switch Button 「」 to activate the front-facing camera. (Note: The selfie camera does not support zoom adjustments.)

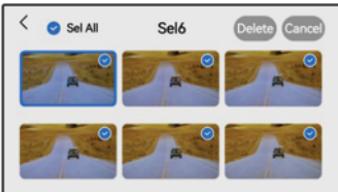
# Viewing Videos



1. In recording mode, press the playback button 「」 to enter playback mode.



2. Use the up button 「」 or down button 「」 in the file list to select a video, and press the OK button 「」 to open it. (Or click on the video to view it.)

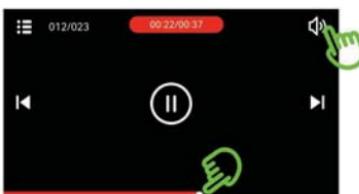


3. In the file list, click "Select" at the top right to delete videos.



4. To play or pause a video, press the OK button 「」 or tap the play icon 「」 in the center of the screen.

5. You can select the previous or next video by using the up/down buttons or swiping left/right on the screen.



6. Tap the volume icon 「」 in the top right corner of the screen to adjust the video playback volume.

7. During video playback, drag the progress bar at the bottom to fast-forward or rewind.

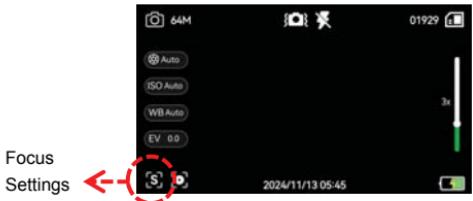
8. After viewing the video, press the menu button twice to exit playback mode.

# Focusing and Zooming

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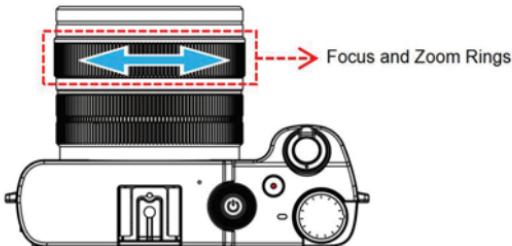
## 1. Focus Settings

During photo or video preview, tap the focus icon 「S」 in the bottom left corner of the screen to toggle between: [A] Auto Focus、[S] Single Focus、[M] Manual Focus



## 2. Focus and Zoom Rings

- ① In [M] Manual Focus mode, manually rotate the focus ring on the lens to adjust focus.
- ② In [A] Auto Focus or [S] Single Focus modes, manually rotate the zoom ring on the lens to adjust zoom.



## 3. Center Focus

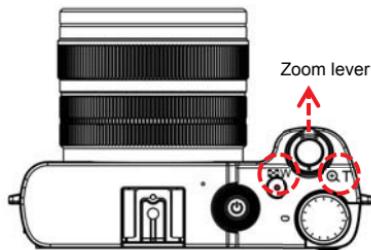
In [A] Auto Focus or [S] Single Focus modes, tap anywhere on the screen

to set the focus box at that location. Then tap the center focus icon '  ' in the bottom left to center the focus.



#### 4. Zoom Lever

Use the zoom lever to adjust zoom in all focus modes. Push '  W ' to zoom out and '  T ' to zoom in.



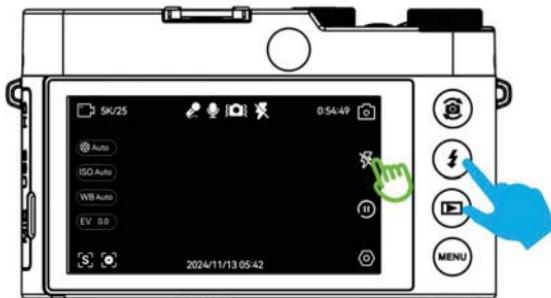
#### 5. Pinch-to-Zoom

In [A] Auto Focus or [S] Single Focus modes, pinch or spread two fingers on the screen to zoom in or out.



## Flash

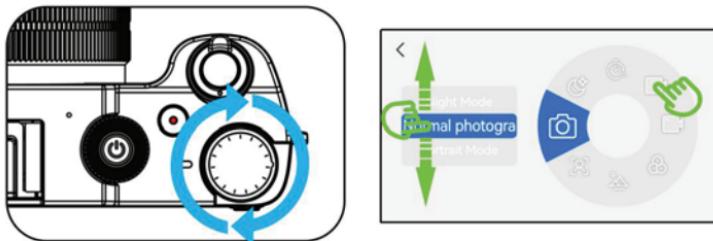
1. In Photo Mode or Video Recording Mode, press the Flash Button 「」 to activate the flash.
2. Tap the flash icon on the screen to select the desired flash mode.



 Turn off flash	No flash is used when taking photos under any circumstances.
 Forced flash	The built-in flash is always activated for flash photography, regardless of lighting conditions.
 Auto flash	In low light conditions, the built-in flash automatically activates when taking photos.
 Fill On	The LED light will remain on continuously.

## Mode Dial

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Rotate the Mode Dial to enter the mode selection screen. Then, rotate the dial (or swipe up and down on the screen, or tap icons on the right side of the screen) to switch to the desired mode.

### Available Modes:

(1) Standard Photo Mode:

Press the Shutter Button to capture photos.

(2) Portrait Mode:

Focuses on the subject's features to capture vivid portraits.

(3) Landscape Mode:

Captures wide landscapes with sharp focus and vibrant colors.

(4) Creative Filter Mode:

Allows the use of various filters: Standard, Black & White, Sepia, Retro, Vivid, Warm Tone, Cool Tone, Red, Green, Blue.

(5) Standard Video Mode: 

Press the Video Recording Button to start and stop video recording.

(6) Slow Motion Video Mode: 

Records at a high frame rate to create slow-motion playback, ideal for capturing fast-moving objects or quick events with detail.

(7) Time-Lapse Mode: 

Set an interval (1s/5s/10s/30s) before recording. The camera will record a compressed video by taking frames at the set intervals over a certain period. Press the Video Recording Button again to stop recording.

(8) Night Scene Mode: 

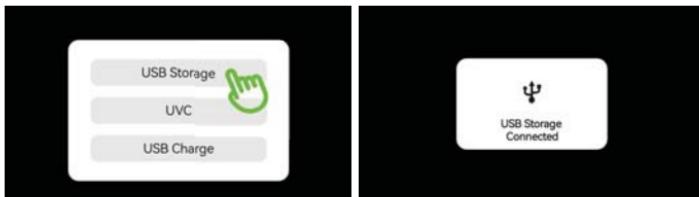
Enhances brightness and detail for photos or videos captured in low-light or nighttime environments using advanced night vision and color processing techniques.

## Downloading Photos/Videos to a Computer

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1. Turn on the camera and use a Type-C USB cable to connect it to your computer.



2. Once connected, a dialog box will appear on the camera screen. Select "USB Storage" on the screen. Access the camera's folder on your computer and download photos and videos.

3. After completing the transfer, disconnect the USB cable. The camera will automatically exit USB storage mode.

## Using the Camera as a Webcam

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1. Turn on the camera and use a Type-C USB cable to connect it to your computer.

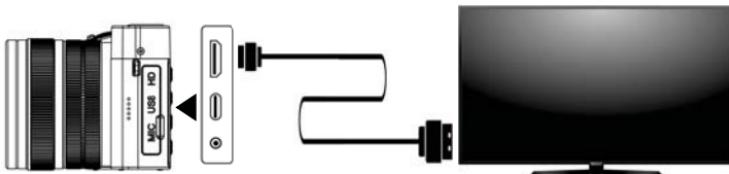


2. Once connected, a dialog box will appear on the camera screen. Select “UVC ” on the screen. The camera will now function as a webcam for your computer.

3. After using, disconnect the USB cable. The camera will automatically exit webcam mode.

## Connecting to a TV for Playback

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1. Use an HDMI Cable to connect the camera to the TV. Turn on the camera.



2. After a successful connection, in Video Recording Mode, press the Playback Button to enter playback mode.
3. Use the Up/Down Buttons to select the video you want to play. Press the OK Button (or tap the screen) to confirm and play the selected video.
4. After viewing, disconnect the HDMI cable. The camera will automatically exit TV playback mode.

# Connecting the Camera to the APP

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## Connecting the Camera's Wi-Fi

1. Turn on the camera, then long-press the camera's menu button  to activate Wi-Fi mode. (Alternatively, press the menu button, select "Wi-Fi Settings," and turn on the "Wi-Fi Switch.") The camera's Wi-Fi signal will be enabled. The camera's Wi-Fi name (SSID) will appear as DC209Camera-XXXXXX, and the Wi-Fi password (WPA2) as XXXXXX.
2. Open your phone's Wi-Fi settings, find the camera's Wi-Fi name, and enter the password to connect.

## Installing the APP

Scan the QR code displayed in the camera's Wi-Fi mode (long-press the menu button  to open Wi-Fi mode). Download the app via App Market or a third-party browser.



Connecting the Camera's Wi-Fi

## Using the APP

1. Once the phone successfully connects to the camera's Wi-Fi, open the APP. It will automatically connect to the camera.
2. The APP can remotely control the camera for photo or video recording. It can also browse photos and videos stored in the camera and download files to your phone or tablet for sharing.

## Disconnecting the Camera's Wi-Fi

Press the menu button once to exit the camera's Wi-Fi mode, disconnecting the connection between the camera and the APP.

## Product Specifications

Image Resolution	64M; 48M; 36M; 24M; 20M; 16M; 12M; 8M
Video Resolution	5K25fps; 4K/30fps; 2.7K/30fps; 1080P/60fps; 1080P/30fps; 720P/60fps
Memory card	Support Micro SD card (Recommend 4GB to 256GB Class10 U1), SDHC Class 6
File format	Still image(JPG compliant), Video(AVI format)
Monitor	3.6-inch IPS HD touch screen
Optical zoom	8X
Front Lens	Lens type: 9G4P Angle of View : D 64.51°(W)~8.03°(T), H 56.59°(W)~7.03°(T), V 32.09°(W)~4.00°(T) Aperture /Focal Length: Ff(F/1.8-2.6, f=5.76-46.09mm) Shooting distance: 0.2m(W)-0.4m(T)
Selfie Camera	Shooting distance: 7P Angle of View : D 73.8°, H 62°, V 48.5° Aperture /Focal Length: Ff(F/2.2, f=3.37mm) Shooting distance: 50cm - 80cm
USB	Type-C
Inputs	5V= 1A
Operating System	Windows 7/Windows 8/Windows 10/Windows 11
Product Size	126.1*83.9*73.2 mm

## **CAUTION**

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If the battery pack 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 temperatures 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 a fire.
- Do not handle damaged or leaking lithium ion batteries.
- Be sure to charge the battery pack using a genuine battery charger or a device that can charge the battery pack.
- Keep the battery pack out of the reach of small children.
- Keep the battery pack dry.
- Replace only with the same or equivalent type recommended by the seller.
- Dispose of used battery packs promptly as described in the instructions.

## **Frequently Asked Questions**

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**Q:** The camera can't turn on after installing the batteries.

**A:** No remaining battery with the camera.

The battery is in the unbroken package.

Upside-down or inadequate installation of the battery.

**Q:** Can not take still images and video after pressing the shutter button.

**A:** The built-in memory is full. No memory card installed.

**Q:** Images/ Video is blurry.

**A:** Hands shake when taking images. Use both hands to stabilize the camera, or use other objects(tripod)to stabilize, and do not shake the camera when taking images. The resulting images or videos are dim.

The shooting environment is not well-lit.

Shoot in a well-lit place, or use flash mode to improve.

**Q:** The camera automatically shuts down.

**A:** The remaining battery is low. Please fully charge the battery before use.

To save power, the camera will automatically turn off according to the setting if there is no operation for more than 1 minute(3 minutes or 5 minutes, depending on the setting).

**Q:** Can't delete files in the camera.

**A:** The file protection function in the camera menu is enabled, turn off this function in the menu.

**Q:** The camera freezes or the screen is blurry.

**A:** Incorrect format of the memory card. Format the Micro SD Card before initial use.

## FCC Warning Statement

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

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.
- (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.