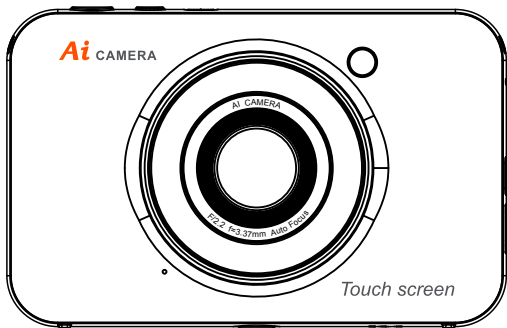


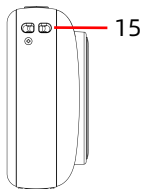
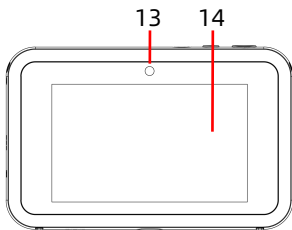
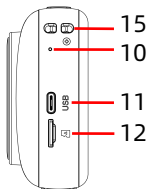
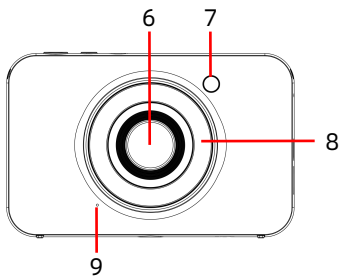
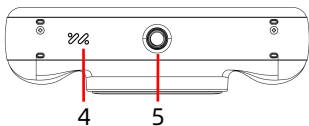
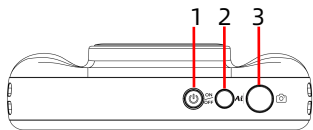
Digital Camera

User Manual



Please read this instruction manual carefully before using the product and keep it properly.

Components and Buttons



Introduction to components and button functions

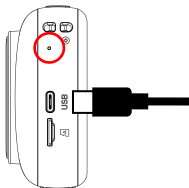
No.	Name	Functional Description
1	Power button	1. Long press this button to turn on the device. 2. After powering on, short press this button to turn off/turn on the screen, and long press this button to shut down or restart.
2	AI key	Short press this button to quickly activate AI to recognize everything.
3	Shutter key	The shutter button for taking photos and videos
4	Speaker	Sound Expansion
5	Tripod mount	1/4 standard screw hole
6	Lens	/
7	Fill light	/
8	Ring light	/
9	Sound hole	sound pickup
10	Indicator light	1. Slow flashing red light: Camera battery is low. 2. Red light constantly on: The camera is charging. 3. Blue light constantly on: Charging level $\geq 90\%$.

11	USB Type-C Port	1. USB Type-C interface. 2. Connect the USB cable to the computer for data transmission or to the charger for charging.
12	Storage card slot	It can be inserted with a Micro SD memory card.
13	Selfie camera	/
14	Screen	IPS HD touch display
15	Lanyard hole	Install the Camera strap

Camera charging

When the camera battery is low, the indicator light will flash slowly in red, prompting you to use a Type-C/USB cable with a 5V charger to charge the camera in a timely manner.

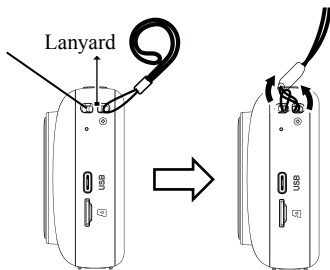
During the charging process, the indicator light will be constantly on in red; when the battery charge level is $\geq 90\%$, the indicator light will switch from being constantly on in red to being constantly on in blue.



Install the Camera strap

1. Please locate the lanyard hole on the camera.
2. As shown in the figure, tighten the lanyard, then thread it through the lanyard hole and tie it securely.

(Note: If the installation is not easy, you can use auxiliary tools such as tweezers or toothpicks to secure the lanyard.)

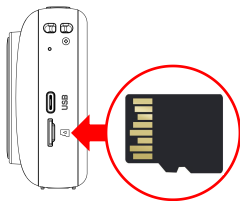


Install Micro SD memory card

1. Insert the memory card

Follow the icon prompt next to the memory card slot, insert the memory card into the slot until you hear a locking sound, indicating that the memory card is installed in place. (When inserting the memory card, the side with the metal strip should be

aligned with the lens direction. If it doesn't stay in the slot, make sure to push it deeper until you hear the locking sound.)



2. Remove the memory card

Press and release the memory card, it will automatically eject, and then pull out the memory card.

Attention!

- Please turn off the camera before inserting or removing the memory card.
- If the memory card cannot be inserted into the card slot, please check whether it is inserted in the correct direction.
- When inserting the memory card, do not apply excessive force to avoid damaging the memory card or camera components.

Basic operation instructions

1 . Power on, power off, restart

- 1) Power on: Long press the power button to turn on the camera, and the main interface will be opened by default;
- 2) Shutdown/Restart: When the camera is in standby mode, long press the power button to display the shutdown and restart options on the screen. Click the corresponding option to shut down/restart the camera.

2 . Internet, eye protection, brightness, volume

Swipe downwards in the upper area of the screen to access the function panel, which includes network settings, eye protection mode, brightness adjustment, and volume control.

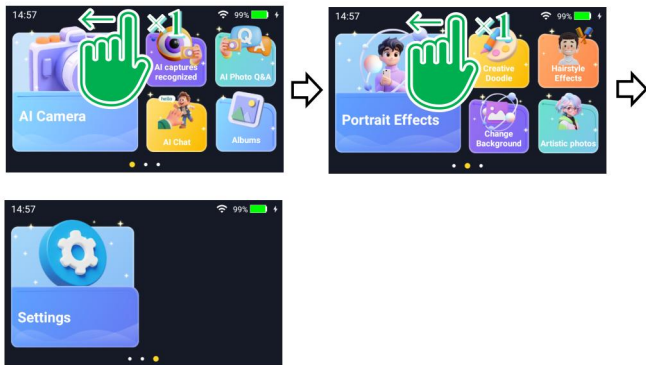
- 1) Clicking the network settings icon allows quick access to the network settings interface;
- 2) Clicking the Eye Protection Mode icon can enable or disable the screen eye protection function;
- 3) Dragging the brightness adjustment bar to adjust the screen display brightness;
- 4) Dragging the volume adjustment bar can control the volume level of the camera.

3. Main interface

- 1) Switching between main interfaces

After pressing and holding the power button to turn on the camera,

it automatically enters the first screen: AI Camera page → On the AI Camera page, swipe the screen to the left once with your finger to enter the second screen: Portrait Effects page → On the Portrait Effects page, swipe the screen to the left again to enter the third screen: Settings page.



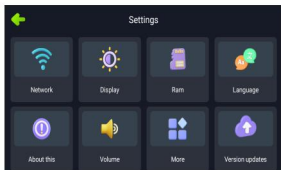
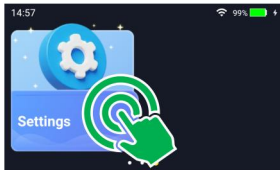
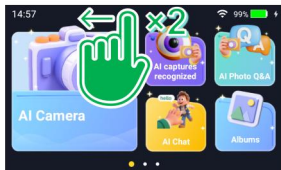
2) Main interface functions

- ① AI Camera page: Basic photo/video shooting, AI intelligent assistance and management of captured content (album).
- ② Portrait Effects page: Capture fun portrait photos/videos through various features such as special effects, stickers, and background replacements.
- ③ Settings page: Adjust basic camera parameters.

Settings

1. Open Settings

After pressing and holding the power button to turn on the camera, it will default to the AI camera page → Swipe left twice on the camera screen to enter the settings page → Then click "Settings" to open the settings menu.



2. Settings menu

1) Network

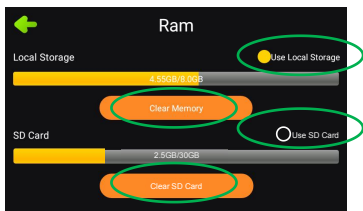
Click "Network" → click "WLAN Switch" → click the Wi-Fi name you want to connect to and enter the password, then confirm the connection to the Wi-Fi.

2) Display

Click "Display" → ① Brightness: Adjust the camera screen brightness by dragging the brightness bar. → ② Dormancy: Select a sleep duration, click "√" to confirm, and the camera will automatically turn off the screen when there is no operation for the set sleep duration (Note: Turning off the screen can save power and extend the camera's usage time).

→ ③ Shutdown Time: Select a Shutdown Time. The camera will automatically power off after the screen is turned off and the duration of inactivity reaches the set power-off time.

3) Ram



Click "Ram" to open the memory settings. → ① Click "Use Local Storage", and the photos and videos captured by the camera will be saved in local storage. → ② Click "Use SD Card Storage", and the photos and videos captured by the camera will be saved in the Micro SD memory card. → ③ Click "Clear Memory", and the

camera will delete all cached data, history, photos, and videos from local storage. → ④ Click "Clear SD Card": the camera will delete all pictures and videos captured in the memory card.

Hint:

1. After inserting a Micro SD memory card into the camera, the camera will prioritize using the storage space of the Micro SD memory card to save captured photos and videos. If you wish to use the camera's built-in local storage for storage, you can click and select "Use Local Storage" in the "Memory" section.
2. Data deleted from local storage and storage cards cannot be restored. Please proceed with caution!

Attention!

- Before using a new memory card or a memory card that has been used in other devices, please format the memory card first. Format the Micro SD card using FAT32 on the computer to ensure that the camera can recognize it.
- It is recommended to regularly back up photos and video files onto a computer.
- Before "Clearing Memory" and "Clearing SD Card", please be sure to back up important data, as Clearing will erase all data, and it cannot be restored afterwards.
- During the processes of "Clear Memory" and "Clear SD Card", do not unplug the card or turn off the camera power supply, otherwise it may cause storage damage or SD card damage.

4) Language

Click "Language" → Select the language you need (English, Simplified Chinese, etc.)

5) About This Device

Click "About This Device" → ① View the device information of the camera, including model, version number, SN, and software version. ② Click "System Upgrade", and then click "Check for Updates". The camera will proceed with the system upgrade.

6) Volume

Click on "Volume" → drag the volume bar to set the volume level.

7) More

Click "More" → ① Click "Date & Time" to set the camera's date and time → ② Click "Power Frequency" to set the camera's light source frequency to 50Hz or 60Hz according to the local power grid frequency, which can effectively avoid stroboscopic issues.

8) Version Update

Clicking "Version Update" can upgrade the software system inside the camera.

3. Exit the settings menu

After the settings are complete, click the arrow in the upper left corner to exit the settings.

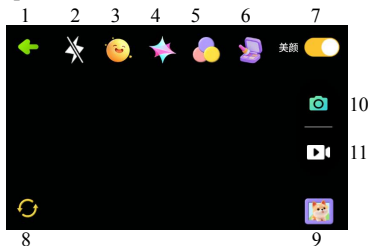
AI camera

1 . AI Camera - Photo Mode

1) Turn on the camera mode

After the camera is turned on, it will default to the "AI Camera" page → Click "AI Camera" to activate the AI Camera mode → Click the icon  to open the camera mode.

2) Screen icon for photo mode



Icons: 1. Sign out; 2. Fill light; 3. Sticker special effect; 4. Dynamic stickers; 5. Beauty enhancement; 6. Beauty function switch; 7. Beauty function switch; 8. Lens/selfie camera switch button; 9. Album; 10. Photo mode switch button; 11. Video recording mode switch button.

3) Press the shutter button briefly to take a photo. If "Saved successfully" appears on the screen, it indicates that the photo has been taken.

4) Zooming in and out of images with two-finger touch: Place two fingers on the screen, spread them apart to zoom in on the image,

and pinch them together to zoom out.

5) Touch Focus: Gently tap the area of the subject on the screen that you want to display clearly, and a focus box will appear. At this point, the camera will automatically adjust the lens to make that area the focus.

6) Fill light

Before taking a photo, click the "✳️" icon to switch the flash mode: off/auto/on/always on.

Turn off the flash (✳️)	No flash was used when taking photos in any situation.
Automatic flash (⚡)	Under low-light conditions, the built-in flash
Turn on the flash (⚡)	Regardless of whether it's in a bright or low-light environment, the built-in flash is
Continuously on (🔴)	The circular fill light remains continuously on.

7) Beauty Mode

Click the "Beauty" switch in the top right corner of the screen to show/hide the beauty icon.

① Sticker Effect "👤": Before taking a photo, click this icon to choose from a variety of cartoon stickers and photo frames.

② Dynamic Sticker "🌟": Before taking a photo, click on this

icon to choose from various real-time rendered dynamic effects.

③ Filter Effects "  ": Before taking a photo, click the icon to select filters such as Original, Bright, Blurry, Peach, Sweetheart, Soft Gray, Amber, Starry Night Blue, Autumn Charm, Little Freshness, Black and White, etc.

④ Beauty Enhancement "  ": Before taking a photo, click the icon to select beauty enhancement features such as skin beautification and facial feature optimization.

8) Lens/selfie camera switch button

Clicking this icon can switch between the lens and the selfie camera.

9) Album

Clicking on this icon will open the Album.

10) Camera mode switch button

Clicking this icon will switch to the AI Camera - Photo mode.

11) Exit

Click the arrow in the upper left corner to exit the AI camera - photo mode.

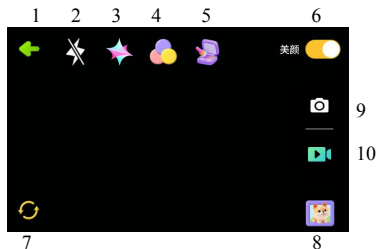
2 . AI Camera - Video Recording Mode

1) Turn on video recording mode

Click "AI Camera" to open the AI Camera mode → Click the icon

 to open the video recording mode.

2) Screen icon for video recording mode



Icons: 1. Exit; 2. Fill light; 3. Dynamic sticker; 4. Filter effect;
5. Beauty enhancement; 6. Beauty function switch;
7. Lens/selfie camera switch button; 8. Album;
9. Photo mode switch button; 10. Video mode switch button.

3) Shortly press the shutter button to start recording, and the screen will display a timer, indicating that recording is in progress. Shortly press the shutter button again, and the screen will display "Saved successfully", indicating that the recording is complete.

4) Place two fingers on the screen. Spreading them apart zooms in

on the image, while pinching them together zooms out.

5) Touch Focus: Tap lightly on the area of the subject you want to display clearly on the screen, and a focus frame will appear. At this point, the camera will automatically adjust the lens to make that area the focus.

6) Fill light: Before recording, click this icon to switch the fill light mode: off/always on.

Turn off the fill light (✱)	No flash was used when taking photos in any situation.
Continuously on (☉)	The circular fill light remains continuously on.

7) Beauty mode

Click the "Beauty" switch in the upper right corner of the screen to display/hide the beauty icon.

Dynamic Sticker "  ": Before recording, click this icon to choose various real-time rendered dynamic effects.

② Filter Effects "  ": Before recording, click the icon to select filters such as Original, Bright, Blurry, Peach, Sweetheart, Soft Gray, Amber, Starry Night Blue, Autumn Charm, Little Freshness, Black and White, etc.

③ Beauty Enhancement "  ": Before recording, click the icon

to select beauty enhancement features such as skin beautification and facial feature optimization.

8) Lens/Selfie Camera Switch Button: Clicking this icon allows you to switch between the lens and the selfie camera.

9) Album: Clicking this icon will open the Album.

10) Video mode switch button: Clicking this icon switches to the AI camera - video mode.

11) Exit: Click the arrow in the upper left corner to exit the AI camera-video recording mode.

3 . AI captures recognized (requires internet)



Icons: 1. Exit; 2. Lens/Selfie Camera Switch; 3. Album; 4. Shutter; 5. History

1) After connecting the camera to WiFi, click "AI Camera" on the AI Camera page to open the AI Camera mode.

2) Then, based on interest or specific scenarios, choose the role of

AI to recognize everything, enter the photo preview, and press the shutter button to take a photo (or click the album icon in the lower right corner of the screen to select a photo).

3) After the role successfully recognizes the photo, the screen will display the text content of the introduction and read it aloud (volume adjustable: slide downwards on the top of the screen to bring up the volume bar), and you can switch roles for interpretation.

4 . AI Photo Q&A (requires internet)

1) After connecting the camera to WiFi, click "AI Photo Q&A" on the AI camera page to activate the AI image recognition and answering mode.

2) Then press the shutter button to take a photo (or click the album icon in the lower right corner of the screen to select a photo).

3) After selecting a photo, state or write your question, and the camera will answer it based on the photo.

5 . AI Chat (requires internet)

1) After connecting the camera to WiFi, click "AI Chat" on the AI camera page to activate the AI Chat mode.

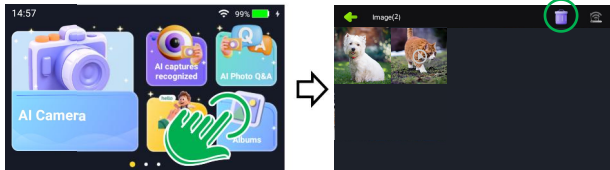
2) Then select the AI Chat role, press and hold the voice button at

the bottom of the screen to speak, and the role will engage in a conversation with you.

6 . Album

1) Open Album

Click "Album" on the AI camera page to open the album mode.



2) View photos/videos

After opening the Album, clicking on a photo or video file within the album will open the photo or video. Then, swiping left or right on the screen will allow you to switch between viewing the previous or next file.

3) Photo editing

After opening the Album, click on the photo within the album, then click on the edit icon "  " in the upper right corner to enter photo editing mode. Next, click on the edit icon in the upper area of the screen to rotate, crop, apply filter effects, enhance beauty, add portrait effects, add text, and apply sticker effects to the photo. After editing, you can click on the save icon in the

upper right corner of the screen to save your changes.

4) Play video

After opening the Album, clicking on a video file within the album will play the video. The play icon in the middle of the screen can be used to play the video, and sliding the screen left or right can fast-rewind or fast-forward the video playback. While the video file is playing, clicking anywhere on the screen and then clicking the pause icon in the center of the screen can pause the playback. To end the playback, click the arrow in the upper left corner of the screen while the video file is playing.

5) Delete photo/video files

When browsing the Album, click the delete icon "  " in the upper right corner, select the photo/video files you want to delete, and then click the delete icon again to proceed with the deletion.

6) Exit album

Click the arrow in the upper left corner of the screen to exit the album.

Portrait effects

1 . Portrait effects

1) Activate the portrait effect mode: After the camera is turned on, it will default to the AI camera page → Slide left once on the camera screen to enter the portrait effect page → Then click "Portrait Effect" to activate the portrait effect mode.

2) Operation process: After entering the photo preview, press the shutter to take a portrait photo (or click the album icon at the bottom right corner of the screen to select a portrait photo) → click "Confirm" to enter the special effect style page, and browse the preset styles by sliding up and down on the right side of the screen → after selecting a special effect style, the screen will immediately overlay the corresponding effect (such as cartoon, 3D), allowing you to visually see the final imaging effect.

3) Save and View: Click "Save" in the top right corner of the screen. The portrait photo with special effects will be saved to the Album, where you can view or share it (the camera supports Wi-Fi transfer).

Note: Some portrait special effects styles require an internet connection to use.

2 . Creative Doodle (requires internet)

- 1) On the portrait special effect page, click the "Creative Doodle" icon.
- 2) Choose an example, refer to the example image, and use the drawing function of the camera app to create your artwork (or complete your artwork on paper and then take a photo and upload it locally).
- 3) Click "Finish" to enter the drawing interface → fill in the title (the title should be consistent with the drawing content for the generated image to be more accurate and attractive).
- 4) Select the image generation style, click "Start Drawing", and after waiting for a while, the user's doodle can be transformed into an exquisite artwork.

3 . Hairstyle effects (requires internet)

- 1) On the portrait special effect page, click the "Hairstyle effects" icon.
- 2) Click the image on the left side of the screen to replace the front-facing photo → Select hair color/hairstyle/sticker/headwear → Click the save icon on the top right of the screen to save → You can view the photo with the changed hairstyle effect in the album.

4 . Change background

1) On the portrait special effect page, click the change background icon → press the shutter to take a portrait photo (or click the album icon at the bottom right corner of the screen to select a portrait photo) → edit the photo: mirror and zoom in/out → select the background to change → click "Finishing" → click "save" → "saved successfully" appears, indicating that the background of the photo has been changed → view the background-changed photo in the album.

5 . Artistic photo (requires internet)

1) On the portrait special effect page, click the artistic photo icon → click the portrait icon in the upper right corner of the screen to enter image management.

2) Click the "+" on the right side of the screen to enter artistic photos → then click the "+" on the left side of the screen to upload a frontal portrait photo.

3) Click to generate an avatar → Choose an artistic photo scene from styles such as cute pets, fairy tales and European classical styles → Add an avatar photo → Select an artistic photo style → Click "Start Creating" → Wait for a while, and you will generate an artistic photo.

Transfer camera files to mobile phone

1 . Download the "AI Cam Transfer" app on your phone



AI Cam Transfer

Method 1

1. For Android phone users, please search for "AI Cam Transfer" in your browser, download and install this app.
2. For iPhone users, please search for "AI Cam Transfer" in the App Store, download and install this app.

Method 2

Scan the QR code at the bottom of the file transfer page in your camera's album using your mobile browser, download and install the "AI Cam Transfer" app.



2 . Turn on the camera hotspot

Open "Album" → Click the file transfer icon "  " in the upper right corner of the album → Click to open the hotspot switch in the upper right corner of the file transfer page to enable the camera hotspot.



3 . Connect your phone to the camera's hotspot

1) Android phone users

Open the "AI Cam Transfer" app, click "Add Device", connect to the camera's hotspot, and then click the "Start" button.

2) Apple phone users

Open your phone's settings → select Wi-Fi → choose the hotspot name created by the camera → enter the password to connect to the camera's hotspot.

(Note: After connecting, the phone may not be able to access the Internet. You need to switch back to the normal network to use other functions.)

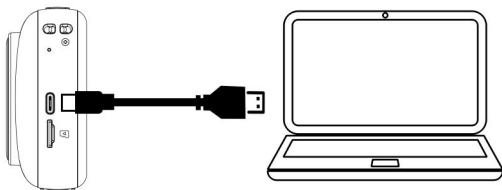
4. Transfer files via APP

The camera displays a notification indicating that it is connected. After selecting the files to transfer in the camera's album, click "Send". Then open the "AI Cam Transfer" app on your phone and click "Agree to Receive".

Tip: You can click "View Tutorial" on the file transfer page and follow the prompts to transfer files.

Download camera files to the computer

1 . Connect the camera to the computer using a Type-C USB data cable.



2 . After successful connection, the device "DC320" will be directly displayed on the computer. Open the device and navigate to the camera storage or SD card. Enter the path: /Pictures/ to browse through pictures, and select the photos and video files that you want to download.

3 . After the download is complete, unplug the data cable, and the camera will exit storage mode.

Technical Specifications

Model	DC320
Photo Format	JPG
Video format	MP4
Lens parameters	Perspective: 76.7 °, Focal length and aperture: F/2.2, f=3.37mm
Display screen	4.0-inch IPS high-definition touch display screen, Resolution: 800 × 480
Memory capacity of this device	8GB
Memory card	Supports Micro SD memory card (up to 32GB), Supports SDXC C10 U1 rating and above, in FAT32 format
USB port	Type-C
Tripod mount	1/4 inch standard screw hole
Input	5V= 1A, 5W
Battery	Built-in rechargeable lithium battery (non-removable), Battery capacity: 2000mAh, rated voltage: 3.7V
Camera size	127×36×82mm
Unit Weight	226g

Note: The specifications and parameters of this product are the latest information available at the time of writing the manual. If there are any changes to the specifications and parameters, no further notice will be given. Please refer to the actual product for accuracy!

Quick solutions to common faults

◆ **The camera cannot be turned on**

1 . The battery is low. Please charge it and try again.

◆ **After pressing the shutter button, I cannot take photos or record videos**

1 . Local memory and storage card are full. Please free up space by deleting old files (such as expired photos, redundant videos) from local memory or storage card, transferring files to cloud storage (such as cloud drives, iCloud), or external devices (such as computer hard drives, USB drives).

◆ **The photo/video is blurry**

1 . The lighting in the shooting environment is insufficient. Please shoot in a well-lit area or turn on the fill light mode.

◆ **The camera will automatically shut down**

1 . The camera battery is low. Please fully charge the camera before use.

2 . The display sleep setting has been enabled, and the camera will automatically turn off the screen when the idle time reaches the sleep duration.

◆ **Camera freeze or screen distortion**

1 . The storage card is in the wrong format. Please format the Micro SD storage card using the FAT32 format on a computer before use.

◆ **The camera is not responding, freezing, or crashing**

1 . Press and hold the camera power button for 10 seconds to force the camera to shut down, and then restart it to use.

AI Technology Statement

Some functions of this product are implemented based on artificial intelligence (AI) technology. AI technology can provide assistance in automatically recognizing, analyzing, or generating similar content in specific scenarios, but its output results may have the following limitations:

1 . Accuracy limitations: AI-generated content may not be completely accurate or may contain deviations, and is for reference only.

2 . Scenario applicability: The performance of AI may vary depending on the usage environment, input conditions, or data quality.

3 . Non-human conclusion: The content output by AI does not represent professional judgment or advice from humans.

4 . Continuous optimization: Relevant functions will be continuously improved with updates to models and algorithms, but it cannot be guaranteed that errors will be completely avoided.

Usage tips!

When making important decisions or in critical scenarios, it is essential to incorporate human judgment and not rely solely on AI output results. Users need to carefully evaluate the outcomes of using AI functions.

FCC Warning Statement

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.

Attention

- 1 . This product has a built-in 2000mAh battery. Please do not disassemble or replace it yourself.
- 2 . This product can only be charged using a charger with the specification (5V/1A).
- 3 . This product should not be connected to more power sources than recommended.
- 4 . Please regularly check whether the wires, plugs, casing, or other components of this product are damaged. If any damage is found, discontinue use until it is repaired.
- 5 . The camera is dirty. Do not use liquid to clean it. Before cleaning, turn off the camera and disconnect it from the charger. Wipe the body with a cloth or wet tissue, and gently wipe the lens and screen with a lens cloth. Please clean the camera in a timely manner to keep the lens clear and obtain better shooting results.
- 6 . Please regularly check the working status of the camera to ensure its normal operation.

Warning



1. Please keep away from sources of ignition when using this product.

2. This product can only be used with the recommended charger.



3. The built-in battery of this product cannot be disassembled or replaced by the user.

4. This manual contains important information, please retain it for future reference.

