

# Digital Camera

## User Manual

Please read the manual carefully before  
use.

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## WARNING

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To reduce the risk of fire, electric shock, or injury.

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 or fire.
4. Do not ingest batteries; this is a chemical burn hazard. 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.
5. If you think batteries have been swallowed or placed inside any part of the body, seek immediate medical attention.

## CAUTION

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To prevent battery-related hazards.

1. Do not disassemble, crush, or expose the battery pack to shock or force such as hammering, dropping, or stepping on it.
2. Do not short circuit or allow metal objects to contact the battery terminals.
3. Do not expose to temperatures above 60°C (140°F), such as in direct sunlight or a car parked in the sun.
4. Do not incinerate or dispose of in fire.
5. Do not handle damaged or leaking lithium-ion

batteries. Keep the battery pack out of reach of small children and keep it dry.

6. Replace the battery with the specified type only. Otherwise, bursting, fire, or injury may result.

## **Auto Focus function**

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The photo mode supports three focus modes, which can be set in the "Focus Mode" section of the photo menu.

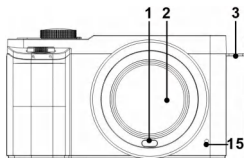
1. Fixed Focus Mode: Supports shooting from 1 meter to infinity. Simply press the shutter button fully to take a photo.

2. Semi-Automatic Mode: Supports shooting from 10 cm to infinity. Press the shutter halfway; when the focus frame turns green, the focus is set. Continue pressing to capture a clear photo.

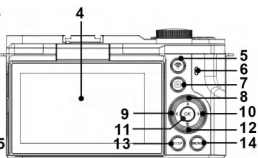
3. Full Automatic Mode: Supports shooting from 10 cm to infinity. The camera automatically focuses on the subject. Once the focus is clear on the screen, fully press the shutter to take a clear photo. (You can also manually focus by half-pressing the shutter button as needed.)

# 1. Parts and controls

**Front view**



**Rear view**



1. Flash

2. Lens

3. Strap Hole

4. Screen

5. WIFI

6. Charging/Working  
Light

7. Playback

8. Up/Flash

9. Left

10. Right

11. OK

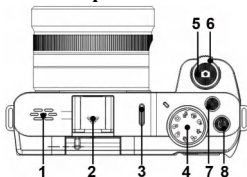
12. Down/Delete

13. DISP

14. MENU

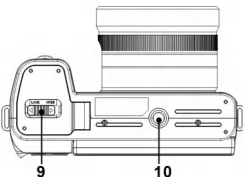
15. AF Assist Light

**Top view**



1. Speaker

**Bottom view**

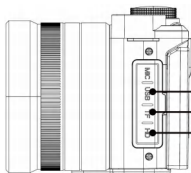


2. Cold Shoe Mount

3. Built-in Microphone
4. Mode Dial
5. Shutter
6. Digital Zoom
7. Video Recording

8. Power
9. Battery Compartment Lock
10. Tripod Hole

### Right view



1. USB Port
2. Memory Card Slot
3. HD Port

| Buttons/Indicators | Functions                                                |
|--------------------|----------------------------------------------------------|
| POWER              | Power on / off                                           |
|                    | Pause / Resume recording                                 |
| Shutter            | Take photo                                               |
| Video              | Start / End recording                                    |
| Digital Zoom       | Zoom in / Zoom out                                       |
|                    | Increase or decrease the volume when replaying the video |
| WIFI               | Turn on / off Wi-Fi                                      |
| Playback           | Open/Exit the media library                              |
| UP / Flash         | UP                                                       |
|                    | Turn on / off the flash                                  |

|               |                                                                                |
|---------------|--------------------------------------------------------------------------------|
| Right         | Right                                                                          |
| Left          | Left                                                                           |
| Down / Delete | Down / Delete                                                                  |
| OK            | Confirm                                                                        |
| DISP          | Hide screen icons / Turn off the screen / Turn on the screen and display icons |
| MENU          | Open/Exit Menu                                                                 |
| HD Port       | Can output to the TV                                                           |
| USB Port      | Charging and Data Transmission                                                 |

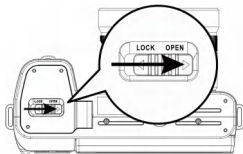
## 2. Using the Camera

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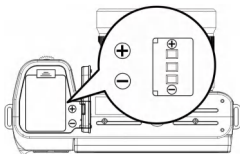
### 2.1 Installing the battery and memory card

Follow the instructions for battery installation; do not attempt to open the battery, as improper installation may cause damage.

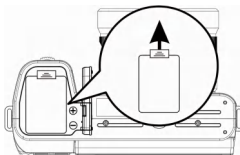
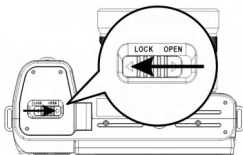
1. Slide the battery compartment lock to the OPEN position to open the battery compartment cover.
2. The battery's terminals with the markings and insert it. You'll hear a 'click' when it's securely locked.



3. Close the compartment door and slide the latch to the LOCK position to secure it.



4. Slide the latch in the direction of the arrow to eject the battery.



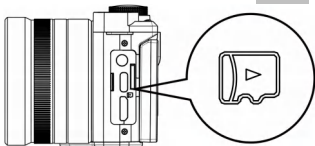
### **Please format the storage card before use.**

Do not insert the storage card while the device is powered on, as this may damage the card or result in data loss. For optimal performance, it is recommended to use a Class 10 or higher speed storage card.

Please insert the memory card according to the following steps:

1. Insert the memory card in the direction shown until you hear a "click".
2. Press the memory card to eject it and then remove it.

The enclosed memory card has been installed in the camera.



**(Note: The memory card is not included in the standard accessories. Please refer to the actual configuration purchased.)**

## 2.2 Charging the battery

You can use the included USB cable to connect a 5V 1A adapter to charge the camera (the adapter is not a standard accessory, please refer to the actual purchase configuration).

The red light turns on during charging and turns off when fully charged.

## 2.3 Turn On/Off the Camera

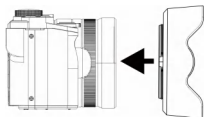
Press and hold the power button  for 3 seconds to turn the camera on/off.

### **Friendly Reminder:**

The camera screen supports 180° upward flip and stepless angle adjustment from 0 to 180°, making it easy for you to frame shots in scenarios such as selfies and low-angle photography. To ensure the best screen viewing experience at any angle, especially when the screen is flipped up at a large angle, please make sure

there are no external accessories installed on the top of the camera. If any accessories are installed, it is recommended to remove them before flipping the screen at a large angle.

## 2.4 Install the lens hood



Attach the lens hood to the camera lens by twisting it clockwise. To remove it, simply twist it counterclockwise.

**Note: The lens hood is not a standard accessory, please refer to the actual configuration purchased.**

When using both the lens hood and the built-in flash, you may notice slight obstruction of the flash. This is an optimization of the camera's compact design, balancing functionality while offering unique creative possibilities. The built-in flash is primarily used for low-light fill, while the lens hood's main purpose is to block glare in bright light. The two do not conflict.

Moreover, this slight obstruction can become an interesting creative tool, such as creating focused light spots (more concentrated light) or shadow textures (the edges of the lens hood can cast unique shadows).

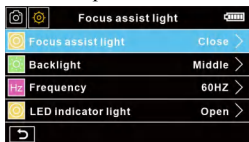
## 2.5 AF Assist Light

The focus assist lamp can actively emit light to

illuminate the subject when the light is too dim, causing autofocus to be difficult or fail. It enhances the brightness and contrast of the subject area, thereby enabling the camera's autofocus system to function properly.

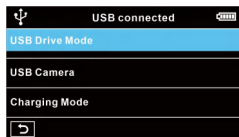
When the focusing mode is set to full autofocus or semi-autofocus mode, the AF assist lamp becomes effective. Half-pressing the shutter button will trigger the assist lamp (**this requires a relatively dark environment**). When the camera obtains sufficient focusing information, the AF assist lamp will turn off. After focusing is completed, the focus frame on the screen will turn green, and at this point, you can fully press the shutter button to take a clear photo.

You can also turn off the AF assist lamp in the system settings menu.



## 2.6 Connect to Computer

1. Turn on the camera and connect the camera's Type-C USB port to the USB port of the computer using the provided USB cable. The screen will



display the available options.

2. Press the Up/Down button to select the desired option, then press the OK button to confirm the option.

## Charging Mode

Select this mode. The camera supports recording while charging. The camera will be fully charged faster if it remains powered off.

## USB Drive Mode

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

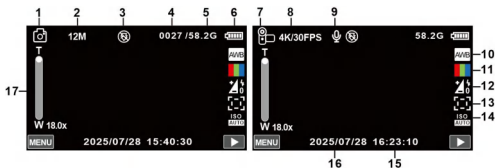
## USB Camera

Select this 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 can be operated on the camera; other functions cannot be used.

## 2.7 Shooting Interface

The meanings of the icons on the shooting interface are as follows:



1. Photo Mode
2. Photo Resolution
3. Flash
4. Number of Photos Taken
5. Remaining Storage on the Memory Card
6. Battery Level
7. Video Mode
8. Video Resolution
9. Video Sound
10. White Balance
11. Filter
12. Exposure
13. Metering Mode
14. ISO
15. Current Time
16. Current Date
17. Zoom Indicator

## 2.8 Shooting Mode

Rotate the mode dial to select the desired mode.

| icon                                                                                | Mode   | Illustrate                                               |
|-------------------------------------------------------------------------------------|--------|----------------------------------------------------------|
|     | Photo  | Take a single photo normally.                            |
|     | Auto   | Automatically take photos at specified intervals.        |
|    | Timer  | Take a single photo after a specified number of seconds. |
|   | Burst  | Take a specified number of photos in quick succession.   |
|  | Video  | Normal recording mode.                                   |
|  | Slowly | Slow motion recording.                                   |

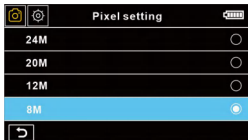
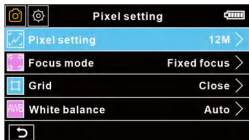
|                                                                                  |             |                                                               |
|----------------------------------------------------------------------------------|-------------|---------------------------------------------------------------|
|   | Lapse       | Time-lapse recording.                                         |
|  | Loop        | Loop recording based on the set video duration.               |
|  | Video+Photo | Capture single photos at set intervals while recording video. |

## 2.9 Function settings

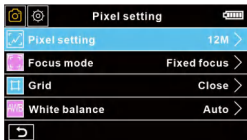
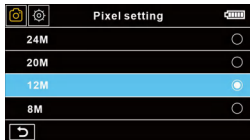
- Press the MENU button in different shooting modes to enter the corresponding mode menu.
- Use the up/down buttons to select the desired function, then press the OK button to enter the submenu.
- Use the up/down buttons to select the desired parameter.
- Press the OK button to confirm and automatically return to the mode menu.
- Press the MENU button to exit the mode menu and return to the shooting interface.

### For example, to set the photo resolution:

1. In standard photo mode, press the MENU button to enter the photo menu. Use the up/down buttons to select the "Rec Resolution" function. Press the OK button to enter the submenu.



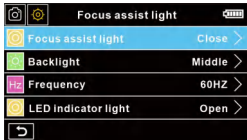
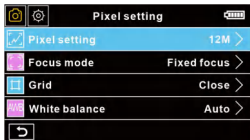
2. Use the up/down buttons to select "12M," then press the OK button to confirm and automatically return to the mode menu.



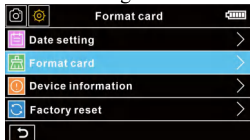
3. Press the MENU button to exit the mode menu and return to the video recording interface.

### **For example, to format the memory card:**

1. In video or photo mode, press the MENU button to enter the corresponding mode menu. Use the left/right buttons to select the system settings.



2. Use the up/down buttons to select the "Format" function, then press the OK button to enter the submenu. Use the left/right buttons to select "Confirm".



3. Press the OK button to confirm. Once the formatting is complete, it will automatically return to the settings menu. Press the MENU button to exit the system settings and return to the shooting interface.

## **2.10 Playback and Delete**

1. In shooting mode, press the playback button to open the media library. Use the left/right buttons to select videos or photos.
2. Press the OK button to enter the 6-thumbnail preview screen. Use the direction buttons to move the cursor to select a file, press the MENU button to open/close the delete menu, press the OK button to view the file, and use the left/right buttons to turn the page, press the down/delete button to delete the current file.
3. When viewing photos, press the zoom in button to enter zoom mode. Press the zoom buttons to zoom in/out, use the arrow keys to move the view, and press the playback button to exit.
4. When viewing videos, press the OK button to start/pause playback, use the zoom buttons to adjust the volume, and press the playback button to exit.

## **3. Connect to the WIFI App**

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Note: This Wi-Fi connection is for the camera app only, and it cannot directly connect to the internet.



1. First, please scan the QR code with your smartphone to download the app.

You can also search for **"HDV CAM"** in the App Store or Google Play Store to download and install it.



2. Turn on the camera, then press the WIFI button to activate the WiFi function. The camera's WiFi ID and password will be displayed on the screen.

3. On your phone, go to Settings—WLAN, find the camera's WiFi name, enter the WiFi password, and connect to the camera's WiFi hotspot.

IOS phones can open the APP and scan the QR code on the right side of the camera screen to connect to the camera.

4. Open the "HDV CAM" app on your phone and click "Enterprise view" after entering to control the camera (take photos/videos).

## 5. Download Files to Your Phone:

Step 1: After shooting, go to the "File Preview" page, click the multi-select icon at the top right, select the files you want to download, and then click the download icon at the bottom left. Some phones can directly download the files to the phone.

**If you can see the downloaded files in your phone's local album, please skip Step 2.**

Step 2: Return to the app's home page, go to the "Album" section, click the multi-select icon at the top right, select the files you want to download, and then click the download icon at the bottom left to download the files to your phone.

Once the download is complete, you can share your photos or videos on your smartphone.

**Note:** When sharing, disconnect the camera's WiFi hotspot and connect to a router or mobile hotspot. Sharing multiple video files or a mix of photos and videos at the same time is not supported.

**The camera's WiFi feature provides a convenient experience for photo transfer. You can quickly save your photos to your phone, making it easy to view or back them up anytime. Downloading photos to your phone is a breeze.**

**Since video files are usually larger, transferring them via WiFi may take longer. It's recommended to**

connect to a computer for video transfers, as it offers more stable speed and allows for more efficient downloading and backup of your videos.

## 4. Technical specifications

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|                  |                                                                           |
|------------------|---------------------------------------------------------------------------|
| Image Resolution | JPG: 88M, 84M, 72M, 64M, 56M, 48M, 30M, 24M, 20M, 12M, 8M                 |
| Video Resolution | MP4: 8K(15FPS), 6K(30FPS), 5K(30FPS), 4K(60/30FPS), FHD(30FPS), HD(30FPS) |
| LCD Display      | 3.0" IPS HD 180° flip-up screen                                           |
| External Memory  | Memory card (up to 256 GB), above Class 10                                |
| Photo Flash      | < 1 meter; ON / AUTO / OFF                                                |
| Video Flash      | < 1 meter; ON / OFF                                                       |

## 5. Frequently Asked Question Guide

| Trouble                     | Measures                                                                                                                                                                      |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unable to charge            | If the charging indicator is not on, the charger is not plugged in. Please check whether the charger is connected normally. Or replace with a new charging cable and charger. |
|                             | If the ambient temperature is below 10°C, charging may be slow or not possible.                                                                                               |
| Unable to connect to PC     | Please check whether the USB data cable is connected correctly.                                                                                                               |
|                             | Please check whether the USB interface of computer is working properly.                                                                                                       |
|                             | Please try changing the data cable or computer device.                                                                                                                        |
| Blurred shooting effect     | The camera supports AF function. Please focus clearly before shooting.                                                                                                        |
|                             | If the picture is shaking, you can use it with triangle as needed.                                                                                                            |
| Storage Card Not Recognized | Format the storage card.                                                                                                                                                      |
|                             | Check if the storage card is inserted correctly.                                                                                                                              |
|                             | Try using a new storage card.                                                                                                                                                 |

|                              |                                                                                                                                    |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Camera<br>Won't Turn<br>On   | Insufficient battery power. Please replace the battery or charge it.                                                               |
|                              | The battery is installed incorrectly. Please ensure the battery is installed correctly.                                            |
| WiFi<br>Connection<br>Failed | Please ensure the camera's WiFi is turned on.                                                                                      |
|                              | Check if the WiFi password is entered correctly (the WiFi name and password will be displayed on the screen once WiFi is enabled). |
|                              | Keep the distance between the phone and camera within 10 meters, and make sure there are no obstacles in between.                  |

**We strive for 100% customer satisfaction as our consistent service principle. If you encounter any problems, please feel free to contact our after-sales team for a satisfactory solution.**

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

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.

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

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