

## **Safety Instructions**

- Do not drop, impact or puncture the camera.
- Do not expose the camera to high/low temperature, excessive dust, humidity or strong vibration, otherwise the product may be damaged.
- Do not use corrosive chemicals or solvents to clean the product.
- Do not disassemble this camera or attempt to repair or modify it in any manner, if there is any damage to the camera, stop using the camera and return this product to the store where you have purchased it from, the product will be sent back to the company and fix.

## **Cautions**

- Keep children away from the product, accessories and its packaging materials, it may cause suffocation.
- Do not put the product in a fire, otherwise it may cause an explosion.
- Remove the battery if the camera is not going to be used for long periods, and please fully-charged the battery before using it again.

# Table Of Contents

|                                   |    |
|-----------------------------------|----|
| Getting to Know Your Camera ..... | 1  |
| Standard Accessories .....        | 1  |
| Charging the Battery .....        | 1  |
| Component Introduction .....      | 2  |
| Getting Started .....             | 6  |
| Inserting Memory Card .....       | 6  |
| Loading Battery .....             | 7  |
| Photo/Video Mode .....            | 8  |
| PlayBack .....                    | 14 |
| Connecting to the Computer .....  | 16 |
| APP .....                         | 17 |
| Downloading the APP .....         | 17 |
| Connect Wi-Fi .....               | 17 |
| Technical Parameters .....        | 18 |
| Trouble Shooting .....            | 19 |

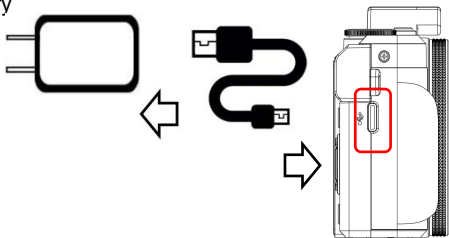
# Getting to Know Your Camera

## Standard Accessories

|                    |               |             |
|--------------------|---------------|-------------|
| 4K Ultra HD Camera | Battery       | USB Cable   |
| Strap              | Carrying case | User Manual |

## Charging the Battery

Before using the camera, you must load and charge the battery

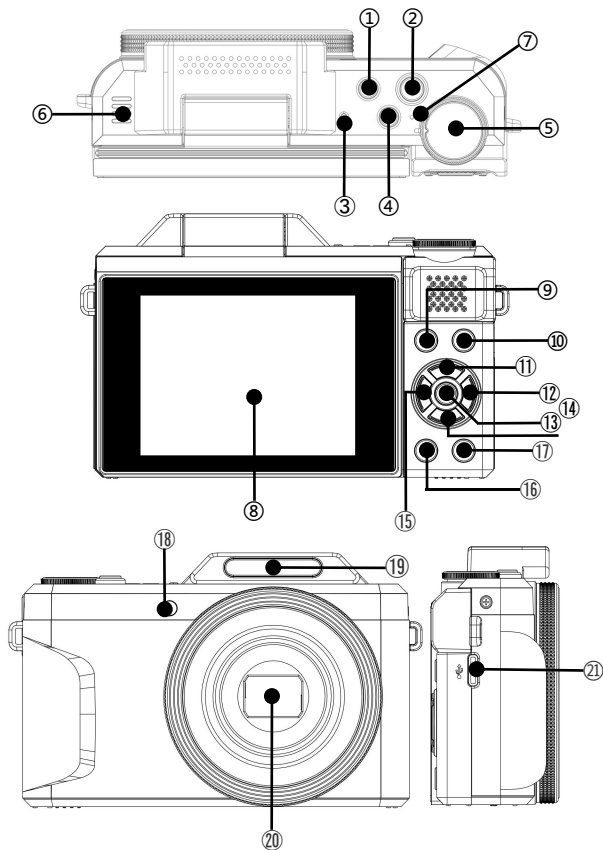


1. Please Connect the USB Cable to the charging adapter when camera is running low.
2. Connect the other side to the Camera's USB charging interface.
3. The indicator light will be red when charging; The indicator light will turn off when the charging is completed.

### Note:

1. For direct charge, please use the 5V/2A charging adapter for charging.
2. When using the USB Cable to charge, if charge during working condition, the camera will automatically shut down after the charging adapter is powered off.

## Component Introduction



For the function description of the related parts in the above figure, please refer to the following table.

| No. | Name               | Function description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-----|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ①   | DISP Button        | Press to switch screen display mode.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| ②   | Photo/Video Button | In Photo mode: Two-stage button, tap to focus and press to photo in photo mode.<br>In Video mode: START/STOP the Video recording                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| ③   | State Light        | When the green light is always on: standby.<br>When the green light is constantly flashing: in the video.<br>The green light flashed once: take a photo.<br>When the red light is often on: charging.                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| ④   | Power Button       | Power On/Off.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| ⑤   | Mode Dial          | Translate the application mode switching, the photo mode includes :  (Intelligent Scene )/<br> (continuous shooting mode)/<br><b>SCN</b> (scene mode)/ <b>P</b> (Program)/<br><b>TV</b> (Shutter Priority) / <b>M</b> (Manual Exposure)/  (Filter Mode)<br>the video mode includes:<br> (Video) |
| ⑥   | Horn               | Plays back sounds.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| ⑦   | Microphone         | Recording sound.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| ⑧   | IPS Panel          | Screen preview and video/photo playback.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

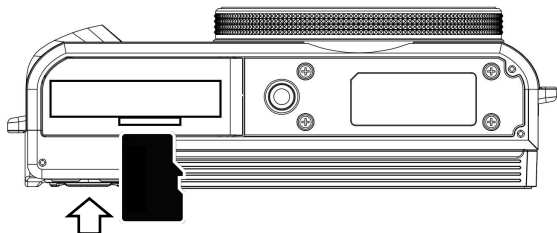
|   |                                   |                                                                                                                                                      |
|---|-----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| ⑨ | W Zoom Button                     | Previewing or Recording:<br>Zoom out the screen;<br>Manual Focus (MF) Mode:Manually focus the screen                                                 |
| ⑩ | T Zoom Button                     | Previewing or Recording:<br>Zoom in the screen;<br>Manual Focus (MF) Mode:Manually focus the screen                                                  |
| ⑪ | Up Button/EV Exposure Button      | When entering the menu list: move up;During the standby interface: enter the EV exposure value adjustment.                                           |
| ⑫ | Right Button/Flash Button         | When entering the menu list: move right;During the standby interface: enter the flash function selection.                                            |
| ⑬ | OK Button                         | Press the confirmation function when entering the menu list.                                                                                         |
| ⑭ | Down Button/<br>Self Timer Button | When entering the menu list: move down;During the standby interface: enter the Self Timer selection.                                                 |
| ⑮ | Left Button/AF, MF Button         | When entering the menu list: move left; During the standby interface: select a macro or normal mode AF (automatic Focus)/MF(manual focus).           |
| ⑯ | Menu Button                       | Press to enter the Menu.                                                                                                                             |
| ⑰ | Playback Button                   | Press to enter the playback mode.                                                                                                                    |
| ⑱ | Focus lamp                        | In an environment with insufficient light, the camera's focusing system is illuminated by the camera, so that the focus system can accurately focus. |
|   |                                   |                                                                                                                                                      |

|    |               |                                                                                                   |
|----|---------------|---------------------------------------------------------------------------------------------------|
| ①9 | Flash         | It is used to strengthen the exposure volume. It helps to make the scene brighter in a dim place. |
| ②0 | Lens          | Framing.                                                                                          |
| ②1 | USB interface | Enter the USB cable charging or connect to the computer.                                          |

**Note:**CS (continuous shooting mode) and Video Mode can not use flash.

## Getting Started

### Inserting Memory Card

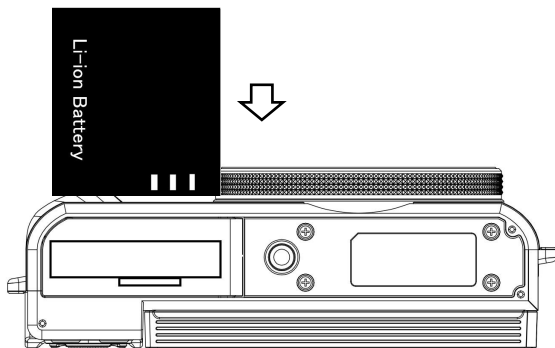


1. Open the cover.
2. Insert the memory card in the direction shown until you hear "Clicks".
3. Close the cover.

**Note:**

1. When using for the first time, format the TF card on this unit. The TF card needs to be U3.
2. Do not forcefully remove the TF card while working, otherwise it may cause loss of files or machine damage.

## Loading Battery

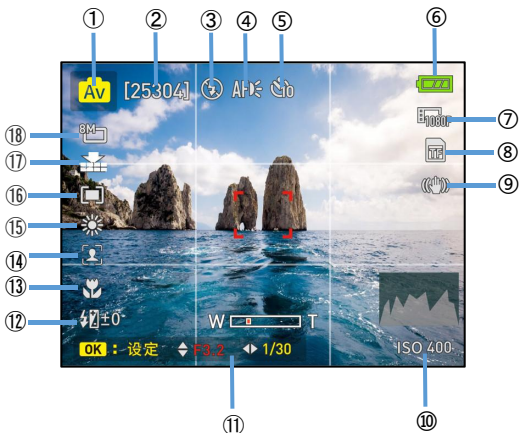


1. Open the cover..
2. inserts a lithium battery.
3. Close the cover.

**Note :**

1. Do not violently open the battery compartment and remove the battery.
2. The battery needs to be loaded into the battery compartment in a correct direction.

## Photo/Video Mode



|   |                            |   |                                 |
|---|----------------------------|---|---------------------------------|
| ① | Photo Mode                 | ⑩ | ISO                             |
| ② | Remaining number of shoots | ⑪ | Aperture and shutter adjustment |
| ③ | Flash state                | ⑫ | EV exposure                     |
| ④ | Focus lamp                 | ⑬ | Macro mode                      |
| ⑤ | Self Timer                 | ⑭ | Face Detect                     |
| ⑥ | Battery Status             | ⑮ | AWB                             |
| ⑦ | Video Resolution           | ⑯ | Metering                        |
| ⑧ | Memory Card                | ⑰ | Photo quality                   |
| ⑨ | Anti -shake                | ⑱ | Photo pixel                     |

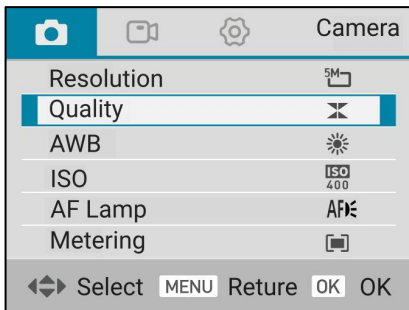
## Take a Photo

1. Press the **power button** to turn on the camera and enter the main preview interface.
2. Rotate the mode dial to switch the shooting mode to:  
 (Intelligent Auto Mode)/ (continuous shooting Mode)  
**SCN** (Scene Mode)/**P** (Program AE)/**TV** (Shutter Priority AE)  
**M** (Manual Exposure)/ (Filter Mode)
3. Set your desired functions and options through the settings menu.
4. Lightly press the photo/video button to focus, and press it firmly to take a photo.

## Record a video

1. Press the **power button** to turn on the camera and enter the main preview interface.
2. Rotate the mode dial to switch the shooting mode to  (Video mode).
3. Set your desired functions and options through the settings menu.
4. Press the **Photo/Video button** to start recording.
5. While recording, you can press the **Up/EV Exposure button** to pause the recording.
6. Press the **Photo/Video button** again to stop recording.

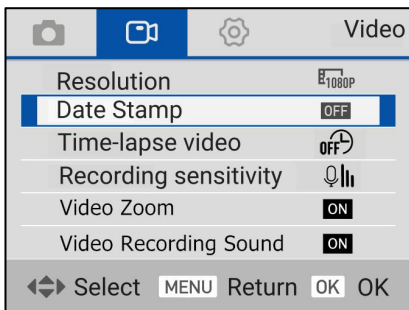
## Photo setting menu



|              |                                                                                                                                                                                                                      |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Scene        | Auto/Scenery/Portrait/Sport/Night Portrait/<br>Night Scenery/Party/Sunset/Backlight/<br>High Sensitivity/Beauty                                                                                                      |
| Resolution   | 64M/32M/16M/8M                                                                                                                                                                                                       |
| Quality      | Super Fine/Fine/Normal                                                                                                                                                                                               |
| Metering     | Multi/Center/Spot                                                                                                                                                                                                    |
| Grid Line    | On/Off                                                                                                                                                                                                               |
| Anti-Shake   | On/Off                                                                                                                                                                                                               |
| Date Stamp   | On/Off                                                                                                                                                                                                               |
| Quick Review | Off/2 Seconds/5 Seconds                                                                                                                                                                                              |
| AF Lamp      | Auto/Off                                                                                                                                                                                                             |
| Fliter       | Standard/Color Enhancement (Red) /Color<br>Enhancement (Green) /Color Enhancement<br>(Blue) /Color Enhancement (Orange)<br>/Color Enhancement (Yellow) /Color<br>Enhancement (Purple)<br>/Sepia/Monochrome/Pen/Vivid |

1. Press the **power button** to turn on the camera.
2. Press the **Menu Button** to enter the menu.
3. Formulate to the place through the **Up Button/EV Exposure Button** or **Down Button/Self Timer Button** you need to function and press the "OK Button" to confirm the selection.

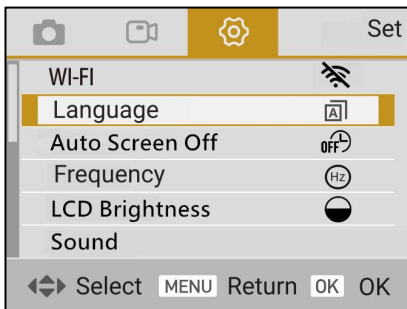
## Video setting menu



|                          |                                                     |
|--------------------------|-----------------------------------------------------|
| Resolution               | 4K24fps/2K30fps/1080P60fps/<br>1080P30fps/720P60fps |
| Date Stamp               | On/Off                                              |
| Time-lapse video         | Off/1 Second/3 Seconds/<br>5 Seconds                |
| Recording Sensitivity    | Soft/Normal/Strong                                  |
| Video Zoom               | On/Off                                              |
| Video Recording<br>Sound | On/Off                                              |

1. Press the **power button** to turn on the camera.
2. Press the **Menu Button** to enter the menu.
3. Press **Right Button/Flash Button** to the video setting menu.
4. Formulate to the place through the **Up Button/EV Exposure Button** or **Down Button/Self Timer Button** you need to function and press the **OK Button** to confirm the selection.

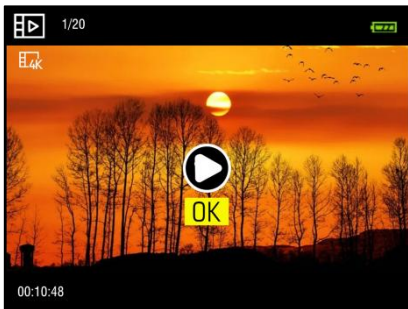
## Set Menu



|                 |                                                                                                                                                 |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| Wi-Fi           | On/Off                                                                                                                                          |
| Auto Screen Off | Off/3 Minutes/5 Minutes/10 Minutes                                                                                                              |
| Language        | English/German/French/Spanish/Italian/<br>Turkish/Russian/Portuguese/Dutch/<br>Simplified Chinese/Traditional<br>Chinese/Japanese/Polish/Hebrew |
| Frequency       | 50HZ/60HZ                                                                                                                                       |
| LCD Brightness  | Soft/Normal/Strong                                                                                                                              |
| Sound           | Power-on sound:Off/3 sounds<br>Shutter sound:On/Off<br>Operating volume:Four -gear sounds                                                       |
| Set Date        | Set Date                                                                                                                                        |
| Format          | Cancel/OK                                                                                                                                       |
| Default         | Cancel/OK                                                                                                                                       |
| Version         | Current firmware version                                                                                                                        |

1. Press the **power button** to turn on the camera.
2. Press the **Menu Button** to enter the menu.
3. Press **Right Button/Flash Button** to the Set menu.
4. Formulate to the place through the **Up Button/EV Exposure Button** or **Down Button/Self Timer Button** you need to function and press the **OK Button** to confirm the selection.

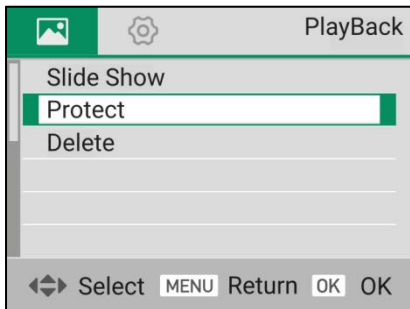
## Play Back



1. Press the **power button** to turn on the camera.
2. Press the **Playback Button** to enter the Playback.
3. Press **Left Button/AF、MF Button** or **Right Button/Flash Button** for the previous or next item.
4. When you browse the video, press the **OK Button** to start or pause play, press the **Up Button/EV Exposure Button** or **Down Button/Self Timer Button** to adjust the sound, press the **Left Button/AF、MF Button** to rewind, press the **Right Button/Flash Button** to fast-forward, press the **OK button** to pause, then press the **Down Button/Self Timer Button** to stop.
5. When you browse the photo, press the **T Zoom Button** , and

then press the **Up Button/EV Exposure Button** , **Down Button/Self Timer Button** , **Left Button/AF、MF Button** or **Right Button/Flash Button** Make a partial view of the photo, and press the **OK Button** to exit the photo to enlarge.

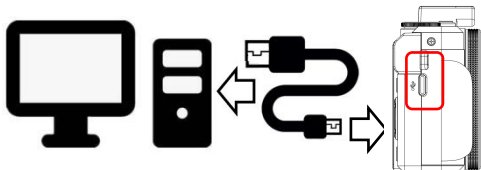
#### File delete/protect



1. Press the **power button** to turn on the camera.
2. Press the **Playback Button** to enter the Playback.
3. Press the **Menu Button** to enter the menu:
  - 3.1 Slide Show: Press the **OK Button** to confirm that the slide show function is selected, and after confirming that "Repeat" and "3S/5S/10S interval" are confirmed in the sub -menu, press "Start" to start the slide.
  - 3.2 Protect: Press the **OK Button** to confirm the protect function, and confirm the selection of **Lock / Unlock/ Lock All** or **Unlock All** function in the sub -menu.
  - 3.3 Delete: Press the **OK Button** to confirm the delete function, and confirm that "Delete Current" or "Delete All " in the sub -menu.

## Connecting to the Computer

This function allows you to use your camera as a MSDC disk or PC Camera



### MSDC Mode

1. Press the **power button** to turn on the camera.
2. Connect the camera and computer with the cable.
3. The screen will display two options: "MSDC" and "PC Camera".
4. Select the "MSDC" by **OK Button**.

### PC Camera

1. Press the **power button** to turn on the camera.
2. Connect the camera and computer with the cable.
3. The screen will display two options: "MSDC" and "PC Camera".
4. Select the "PC Camera" by **Down Button/Self Timer Button** and **OK Button**.

## APP

### Downloading the APP

For Android: Search “OD CAM”  
in Play store and download.  
For IOS: Search “OD CAM”  
in App store and download.  
Or scan the QR Code to  
download the APP.



### Connect Wi-Fi

1. Press the power button to turn on the camera.
2. Press the **Menu Button** to enter the menu.
3. Press **Right Button/Flash Button** to the Set menu.
4. Press the **Up Button/EV Exposure Button** or **Down Button/Self Timer Button** and the **OK Button** confirm the selection and turn on the WiFi function.
4. Open your phone and open the Wi-Fi search the name with D27xxxxxx, Enter the password : 12345678
5. Return to your phone, open "OD CAM," and tap "Connect Device" to enter the main preview interface of the app..

Note: The Wi-Fi function is a point-to-point wireless connection with a limited distance. The maximum distance is about 7 meters. Please use this function within the effective distance.

## Technical Parameters

|                     |                                                                                                        |
|---------------------|--------------------------------------------------------------------------------------------------------|
| Sensor              | 8.0MP CMOS                                                                                             |
| Aperture            | F: 3.1 ~ 6                                                                                             |
| Lens                | f=4.2~25.2mm                                                                                           |
| Focus Range         | Wide: 0.1m~INF Tele: 1.5m~INF                                                                          |
| Lens Type           | Optical zoom lens                                                                                      |
| Zoom                | 12X Hybrid Zoom                                                                                        |
| External Storage    | Support TF Card(U3), Maximum 256GB                                                                     |
| Screen              | 2.8-inch IPS Screen                                                                                    |
| Video Resolution    | 4K :2880*2160 24fps<br>2K :2560*1440 30fps<br>FHD:1920*1080 60fps/1920*1080 30fps<br>HD:1280*720 60fps |
| Photo Resolution    | 64M(9200*6900)/32M(6480*4860)<br>16M(4608*3456)/8M(3264*2448)                                          |
| File Format         | Video:MP4 Photo:JPEG                                                                                   |
| ISO                 | Auto/100/200/400/800/1600/3200                                                                         |
| Wi-Fi               | Support                                                                                                |
| Flash               | Yes                                                                                                    |
| I/O Interface       | USB                                                                                                    |
| Speaker             | Built-in                                                                                               |
| Microphone          | Built-in                                                                                               |
| Battery             | Li-ion battery                                                                                         |
| Working Temperature | 0 ~ 40 °C                                                                                              |

## Trouble Shooting

| <b>Trouble</b>                             | <b>Possible reason</b>                                         | <b>Solution</b>                                            |
|--------------------------------------------|----------------------------------------------------------------|------------------------------------------------------------|
| Cannot power on                            | Battery is not inserted correctly/dead                         | Insert battery correctly/Charge                            |
| Unclear Focus                              | Out of focus range / lens dirty                                | Shooting in focus able range/Clean the lens                |
| Unable to use memory card/unable to record | Card damage / TF card does not meet requirement                | Replace the TF card / Format the TF Card / Use the U3 Card |
| Fail to use it as a PC Cam                 | USB Cable is loose / Computer system version is not compatible | Replace the USB interface / Select a compatible system     |

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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate the equipment.

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.

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This device and its antenna must not be located or operating in conjunction with any other antenna or transmitter.



FCC ID: 2ALYUD27