

different shooting environments and themes require different photometric modes, so choosing the right photometry mode is crucial for photography creation.

1. Press the menu key
2. Press the left/right key to select the Metering icon.
3. Press the up/down keys to select :Center/Multi/Spot.
4. Press the OK key to confirm the option, press mode key to exit the menu mode. the corresponding icon will appear on the LCD screen.

### **Language**

This camera supports multiple languages from different countries.

1. Press the menu key
2. Press the left/right key to select the Language.
3. Press the up/down keys to select the language what you want .
4. Press the OK key to confirm the option, press mode key to exit the menu mode. the corresponding language will be executed.

### **Date /time**

This function can set the system time that appears on the photo or the video.

1. Press the menu key
2. Press the left/right key to select the date/time icon.
3. Press the up/down keys to select :On / Off / Data setup.
4. When “On” is selected, Press the OK key to confirm the option, the date and time will be shown on the photo or video to be taken. When “Off” is selected, the date and time will not be shown .
5. When “data setup” is selected, press the OK key to confirm and enter to submenu.  
Now , you can change the date and time which will be shown on the photo or video to be taken.
6. Press the left/right keys to select the year, month, day, hour, minute, and second in the highlighted section. Press the up/down keys to change them.
7. Press OK confirm and return the photo or the video mode. press mode to return last menu.

### **Silent Mode (key sound)**

This function can set the alert tone during camera operation.

1. Press the menu key.
2. Press the left/right key to select the Silent Mode option.
3. Press the up/down keys to select the action sound on/off.
4. Press the OK key to confirm the option, press mode key to exit the menu mode. the corresponding function will be executed.

### **Auto Power Off**

With this function, you can set the automatic shutdown time of the camera. The default is that if there is no operation of the camera, it will be automatically powered off one minute later.

1. Press the menu key.
2. Press the left/right key to select the Auto Power Off option.
3. Press the up/down keys to select: 1 minutes/3 minutes/5 minutes/ Disable .
4. Press the OK key to confirm the option, press mode key to exit the menu mode. the corresponding function will be executed.

Note: If “ Disable ” is selected, in the case of no operation of the camera, the camera will never be powered off. It will be automatically off after battery has been run out of.

### **Frequency**

1. Press the menu key.
2. Press the left/right key to select the frequency option
3. Press the up/down keys to select: 50Hz/60Hz.
4. Press the OK key to confirm the option, press mode key to exit the menu mode. the corresponding function will be executed.

### **Format Memory Card**

This function will format the storage card and delete all files in memory, including protected files.

1. Press the menu key.
2. Press the left/right key to select the format memory card.
3. Press the up/down keys to select: Yes/No.
4. When the “No” is selected, Press the OK key to confirm the option and return to the photo mode. when the “Yes” is selected, press ok key to confirm and enter to next submenu. when the “Yes” is selected again, press ok key to confirm again , “Please Wait” will be

shown on the LCD, at the point, the camera is formatting the card. then return to photo mode.


**Attention:** Please use this function with caution. Once formatted, all files stored in the card will be deleted and cannot be undone. Please transfer the images to the computer before formatting.

### Factory settings

If the camera set parameters are disordered, you can set the camera to restore factory sets.

1. Press the menu key.
2. Press the left/right key to select the factory setting option.
3. Press the OK key to enter the All Reset submenu.
4. Press the up/down keys to select: Yes/No.
5. Press the OK key to confirm the option, press mode key to exit the menu mode. the corresponding function will be executed.

### Video Mode

After power on, press the Mode key to go to the video mode once only. Now the video icon  is displayed in the left upper corner of the display screen. If there is a memory card in the camera, after the shutter key is pressed, video recording can be started. In the process of video recording, the status light and the small dot above the screen will flash nonstop. The video recording time is increasing. When the memory of the camera is full, the camera automatically stops recording. If you try to press the shutter key now, the screen will prompt a "card memory full" message. Please replace the memory card or copy the data into the circuit to obtain more memory space for further use.

**Cautions:** There is no memory space in the camera to be used by the user. you can format the local memory card or please insert one TF card (with the speed required at 10 or more). Please use Format memory card with prudence. Once formatted, all files stored in the card will be deleted, which cannot be canceled. Please transfer files into the circuit before formatting them. The video files recorded by this camera may be played in the playback mode of this unit or copied into the computer for playback. The video format of this camera is AVI, and in the video recording mode, press the menu key to export the menu.

### Image Size

1. Press the menu key to enter the menu set mode.
2. Press the left/right key to select the **Image Size** option in the menu.
3. Press up/down keys to select video size: 4K (3840x2160)@10 frame rate; 2.7K (2688x1520) @ 20 frame rate; 1080P (1920x1080) @ 30 frame rate, HD (1280x720) @ 30 frame rate.
4. Press the OK key for confirmation, **press mode key** to return to the video recording mode.

The corresponding video size icon will appear on the LCD screen.

Other menus have already been introduced in the photo mode, and will not be repeated here.

### Playback mode

After power on, press the Mode key twice to go to the playback mode. From the playback mode, you can preview the pictures and videos already shot into the camera. You can perform operations such as deletion, protection, rotation and cutting of photos, and can also protect and delete videos. If there are no photos or videos in the camera, the information as "file does not exist" will be displayed on the screen.

1. Select one photo. In the full-screen mode, press Zoom in key to enlarge a photo, and press the Up, Down, Left or Right key to browse all parts of photos more clearly. Press Reduce key continuously to restore them to the original sizes and exit the zoom in status.
2. Select one video file, and press the shutter key to play it. Other operations can be completed according to the prompt on the screen.

### Nine-grid playback

From the playback mode, long press the zoom out button to enter the 9-lattice playback mode. Press the Up, Down, Left, or Right key to select a photo, and press the OK key to go to the full-screen display of the current photo.

### An introduction to the menu in the playback mode

In the playback mode, if the current file is a photo, pressing the menu key will perform the following operations of the photo:

## **Delete**

There are two ways of deletion of camera files. The first one is the shortcut key (Down key), and the second one is deletion below the menu.

a. Way of deletion by the shortcut key: From the shooting mode, press the Down key to go to the mode of quick deletion of the current photos. Select “Yes”, press the OK key to delete the current photo, and return to the shooting mode.

Way of deletion by menu: From the playback mode, perform the following operations:

1. Press the menu key.
2. Press the Left/Right key to select the deletion of menu options.
3. Press the Up/Down key to select :“Delete This Photo/Delete All Photo/Cancel”.  
When the Delete This Photo/Delete All Photo is selected, press the ok key to enter to submenu .Press the Up/Down key to select : “ Yes/No” . press the ok for confirmation and the return to the playback mode.

## **Rotate**

1. In the playback mode, press the menu key.
2. Press the Left/Right key to select the rotation option.
3. Press the Up /Down key to select “90°/180°/270°/Cancel” .
4. Press the OK key for confirmation, and the camera will perform rotation operation of photos, and return to the playback mode.

## **Protect**

This photo can protect photos or videos to prevent any unexpected deletion.

1. Press the menu key.
2. Press the Left/Right key to select protection menu option. If you want to do nothing, just press the menu key to exit the current mode.
3. Press the Up/Down button to select “ Lock This Photo/Unlock This Photo /Lock All Images /Unlock All Images” .If you do not want to protect files, just press the menu key to exit the deletion mode.

4. Press the OK key for confirmation. The protection icon will appear on the file screen.
5. If you want to unlock a protected file, follow the above locking method and select Unlock.

## **An introduction to the menu in the playback mode**

From the playback mode, if the current file is a video, follow the prompt on the screen to play the video. Press the menu key, and the video deletion and protection appears, with the operation methods as shown in the above method.

## **Download images to your computer**

Connect it correctly to the computer using a USB cable, turn on the power of your digital camera, and the following window will appear on “my computer” screen “Removable Disk H:”.

### **1. Download photos directly from the window.**

Select “Copy pictures to a folder on my computer” on the window of Removable Disk (H:). After you click “OK”, some windows will gradually appear on the screen. You only need to operate by following the instructions and then press the following default buttons by the system to complete the data transfer. Or you can operate in this way to copy data:

1. Click the start button in the window operating system.
2. Click “My Computer” on the desktop.
3. Your memory card will be displayed as a removable storage device.
4. Click the removable storage device to view the image. These images are stored in a subfolder called “DCIM”.
5. Now, you can copy and paste the image into any directory of your choice.

## Technical specification

Image sensor	13.0 M CMOS sensor	
Image resolution	58M (8744x6588) pixels	48M (8000x6000) pixels
	30M (6400x4800) pixels	24M (5600x4200) pixels
	20M (5200x3900) pixels	16M (4608x3456) pixels
	12M (4000x3000) pixels	10M (3648x2736) pixels
Video resolution	8M (3264x2488) pixels	5M (2592x1944) pixels
	4K (3840x2160) @ 10 frame rate	2.7K (2688x1520) @ 20 frame rate
	FHD (1920x1080)@ 30 frame rate	HD (1280x720) @ 30 frame rate
LCD display screen	2.88 - inch IPS high definition screen	
External storage	TF storage card (capable of supporting up to 128GB) with a speed	
Memory card	requirement of Class 10 or above, including Class 10.	
Digital zoom	20 digital zoom	
Exposure	EV-3---EV+3	
White balance	Auto/Daylight/Cloudy/Fluorescent/ Incandescent	
Scene	Auto / Scenery / Portrait / Night Scenery / Night portrait / High Sensitivity / Sport / Beach / Party	
ISO	Auto/100/200/400	
Self timer	2,5 or 10 seconds delay	
File format	JPEG format (still images)/AVI format	
Anti-shake	Support	
Flashing	Auto/Forced Flash/Flash Off	
Camera lens	Front cameral is fixed lens , Rear camera is auto focus	
Face priority	Support	
Speaker	Support	
Port	USB2.0 TYPE-C	

System requirements	Windows 10/Vista /7 / MAC
Battery	1200 milliampere lithium battery
Work temperature	0-40°C

## Troubleshooting

### Q: I took some photos, but my computer cannot recognize my camera. What should I do?

Answer: First, ensure that some photos have really been taken. Press the Shutter key several times. If there are no photos in the downloaded circuits, it is recommended that you change a proper memory card and retry. Many bad memory cards will lose data. Secondly, check whether the computer configuration meets the system requirements.

# FCC WARNING

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.

Note: The Grantee is not responsible for any changes or modifications not expressly approved by the party responsible for compliance. Such modifications could void the user's authority to operate the equipment.

The device has been evaluated to meet general RF exposure requirement.

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

