Menu

1. Production introduction ........................................ 3
2. Structure outline ............................................. 3
3. Warning —— About waterproof ................................... 5
4. Warning —— About connect PC card port and Charger ........ 7
5. Status indicator light description ................................ 7
6. Operation guide ................................................ 9
   6.1. Power on/off .............................................. 9
   6.2. Working mode switch ..................................... 9
   6.3. HD video recording ....................................... 11
   6.4. Fine voice recording ..................................... 11
   6.5. Photo taking ............................................ 12
   6.6. Music Mode .............................................. 13
   6.7. Removable disk .......................................... 14
   6.8. Charging and sustainably supplying power with external power source ............................................. 15
   6.9. PC tools ................................................. 15
   6.10. Computer camera ......................................... 16
   6.11. Setting the date and time .................................. 17
   6.12. Encrypt and decrypt the removable disk .................. 18
   6.13. Set the camera parameters ................................ 21
   6.14. Reset the device ......................................... 22
   7. Related data ................................................. 23
8. Warning ................................................................ 23

1. Production introduction

Before using the product, please carefully read the user guide and operate the camera strictly under the user guide operation instructions.

Thank you for choosing our product. As a camera and recorder all in one machine, it has many practical functions. It will certainly bring you with brand new customer experience with its fashionable external design, stable and excellent quality, and multifunction. Is your essential tools.

Functions of the camera:

1. Encrypt the removable disk, prevents unauthorized file access and protects yours privacy.
2. High definition video recording, Can recording 720P video.
3. It is a carry-on recorder to record high-quality sounds, important meetings and business negotiations.
4. It is digital camera, can shot HD picture of 2M – 12M pix.
5. It is a music player which can play various forms of music, such as MP3, WMA , APE and so on.
6. It is a PC camera used for holding online video meetings or video chat.
7. It is a portable disk easy to carry electronic document materials with yourself, convenient and practical.
8. It is a high-precision quartz watch, providing you with precise time.

Features of this camera: multifunction, multi-use, fashionable external design, excellent shooting effect, small and portable, easy to use, stable and reliable, quick to response, data encrypted high safety etc.
The camera can be used in: landscape shooting, snap photography, emergency record, slice of life record, leisure and entertainment activities record, sports record, teaching supplement record, family security monitoring, criminal investigation evidence taking, landscape shooting, outdoor exploration record, memory aids, etc.

2. Structure outline
3. Warning — About waterproof

This product can proof a little water and dust into the inside of it. When it be designed and manufactured, We have made reference to the technology and the structure of the 3 degrees (30 meters underwater) waterproof. But it does not mean that you could use this product as a diving watch. This product can not bear water pressure and keep normal work under the water, it also can not avoid seepage under the deep water. All of the waterproof design of this product just to avoid a small amount of liquid or debris flying into the product and damaged it in the daily lives. So, You must not use it under the water. You should to use the product according to the guidance in strict. If you are using the products improper and damage by water, We will no longer offer this product warranty and after-sales service.

To be more to play its waterproof capabilities, you need to strictly abide by the following methods:

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---uc=E)
Please strictly distinguish the microphone buttons and the USB button according to the above picture. They cannot be exchanged for use, or else the effects of preventing water and dust will be constrained, which may lead to damaging the product.

- Both of (B) and (C) are microphone pickup buttons at the same level. USB button (A) is a bit higher than microphone button. Please distinguish them.
- USB button (A) is a metal sealing button without a hole, and there is also a plastic sealing rubber mat inside. No matter in what environment, please screw this button to prevent dust or liquid into the product and impact the inside electronic components and USB port.
- (B) is a microphone sealing button without an entrance sound hole. There is a waterproof sealing rubber mat inside this button, which is used for sealing microphone hole. It is recommended to use this button under severe environment in order to prevent the microphone from water. After using this button, the splashing liquid and dust can be avoided to enter microphone holes, meanwhile it can prevent outside sound entering into microphone. Therefore, when the microphone hole is screwed this button, the recorded video will not be accompanied with synchronous sounds.

Waterproof button is screwed on so there is no hole. Water is prevented at the same time when sounds cannot be recorded.

If waterproof mat is lost, it cannot be prevented water.

- (C) is a metal button with entrance sound hole. In the center of the button, there is a hole (see below picture). It is used for transmitting sounds, so it is recommended to use this button under good environment so that sounds can be synchronously recorded when recording video.

If microphone button is screwed on, it cannot prevent water but can record sounds:

You must tighten these knobs when you use them.

Note: Check the seating pads of the USB knob and the Mic knob carefully, if it missed, please do not use it as a waterproof knob, immediately change the other alternate waterproof knob.

4. Warning — About connect PC usb port and Charger
- To prevent the device, the PC and the charger from being damaged, please connect cable to the device at first, then connect the other end of cable to the computer or the charger.
- Connect USB plug of this cable to the USB socket with standard 5V DC output like power adapter, computer, and vehicle-based charger, Then charge this product.
- Never connect other power supply with nonstandard USB power supply specifications to prevent this device from being burnt.
- Never disconnect it and this machine during the operation of device as it may damage this machine, or the file being recorded cannot be stored normally.
- Please first turn off the power of device every time connect to the PC or Charger.

5. Status indicator light description

<table>
<thead>
<tr>
<th>Number indicator light description</th>
<th>Status or mode description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Video recording mode red</td>
<td>red, long on: indicates the standby status of video mode. red, slow flash: indicates the video shooting is on.</td>
</tr>
<tr>
<td>2. Not link charger</td>
<td>red, long on: indicates the standby status of video mode. red, slow flash: indicates the video shooting is on.</td>
</tr>
</tbody>
</table>
### 6. Operation guide

#### 6.1. Power on/off

**Operating approach:**
- **Power on:**
  a. In the case of power off, press the button for 2 seconds and then release, power is on, then the green light flicker and the watch enter the initialization state.
  b. After successfully start up, the red lamp is on and it is standby status for video shooting.

**Power off:**
- a. Press the button for about 3 seconds, all indicator lights are off and the device is off.

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#### 6.2. Working mode switch

**Operating approach:**
- **Switch recording mode ➔ cycle switch previous mode:**
  - In standby situation, short press mode key, switch working mode in turn as follows:
    - Video recording (red)
    - Photo mode (red-blue)
    - Voice recording (blue)

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**Attention:**
- Only in standby situation, you can switch camera mode. When the camera is shooting, that is when the working situation indicator light is flickering, please stop shooting first.
When the blue lamp is slowly flashing in regular period, it indicates that the camera is at the voice recording mode. At this time if pressing the operating button in short time, you can stop the camera from recording. After camera stops recording, the blue lamp will switch from flickering status to long on status.

6.5. Photo taking

**Operating approach:**

User can apply photo taking function. 

**Graphical representation:**

![Graphical representation of photo taking mode](image)

- **Attention:**

  When red and blue are long on at the same time, it indicates that the camera is at the standby status for photo taking. Press operating button one time for one picture. Every time taking a photo, red and blue lights start flickering simultaneously. When flickering stops, photo taking is finished.

6.6. Music Mode

**Operating approach:**

When the watch is in the music mode, you can do the following operations:

**Play/pause music:**

Short press the button for playing music. Press this button again for pauses. When playing music, both the green and blue lights switch from continuously on to homogeneous and slow flickering status.

**Adjust volume:**

Long press volume+ or volume- without releasing to increase or decrease volume of playing music.

**Jump to the previous or the next music file:**

Short press the previous button or the next button, it will jump to the previous audio file or the next audio file.

**Attention:**

To use music playing function, removable disk must have music files, if there is no music file, you cannot switch to the music mode.

You can connect standard 3.5 mm earphones through the headphone extension cable.
6.7 Removable disk

Operating approach:
The camera has the function of removable disk, you can use it as USB flash drive. Under the condition of removable disk linking properly, you can access the removable disk.

Video: This folder is used to save video in the camera.
Picture: this folder is used to save camera shooting photos.

When removable disk functioning normally, red light indicates data communication status. If it is exchanging data, red light will flicker slowly; if no data exchanging, red light will be long on.

Attention: According to computer configuration or system difference, computer cannot always detect removable disk-function as soon as you link it with computer. If not attain this mode, please remove the device, and link it to the computer once again. The function can only support WINDOWS system for the time being.

If you want to disconnect device with computer, please uninstall the product in proper way.

6.8 Charging and sustainably supplying power with external power source

Operating approach:
Charging: Link it to computer USB or charger, you can charge the camera.

When linking computer USB or charger, the green indicator light will be on and offer charging information.

Battery is charging—green light slowly flicker with uniform velocity.

Battery has finished charging—green light will always be on.

External direct current power supply continually:
When linking the charger, camera can work while charging and you need not worry about the battery running out.

If you need to supply direct current power supply through computer USB as camera working power supply, please un_install devices (uninstall in operating system but not pull out the data link), then you can operate shooting.

Attention: This unit is built in with high capacity polymer lithium battery without memory effect, which may be charged during use. But for the first five times of use, please run out the battery power and then charge to the full to activate the highest capacity of battery and obtain the standard working hours; to maximize the battery power storage capacity, please continuous to charge for 30 minutes to 1 hour when the indicator lamp indicates the full charging status up on charging every time. Please make sure that the power supply complies with the standard USB power supply specifications.

6.9 PC tools
The camera carries PC setting tools to set camera date and time, enter the pc camera, encrypt and decrypt the removable disk. The approach to operate PC tools:
a. Insert the camera to computer USB interface and wait for computer to detect the device.
b. After successful linking with computer, open MY COMPUTER and you will find two new devices: one is Disk Tools CD-ROM and the other is removable disk, and PC setting tools are stored in those new CD-ROM.
c. Double click the CD-ROM look-shape icon to open setting tools. Setting tools are as follows:
**attention:** Due to the fact that some computers installing antivirus programs, it forbids CD-ROM autorun function. Under this condition, you cannot operate setting tools by double click icon. You can click the mouse right button to open the CD-ROM and run the setting tools directly. The name of setting tool is `<DiskTools>`.  

6.10. Computer camera  

**Graphical representation:**  

**Operating approach:**  
When camera is at this mode, you can chat with friends on the internet or conduct web conference with colleagues. You can also take sticker photos and other novel applications through third party WINDOWS software. The approach to enter computer camera mode:  
Connect the device to computer, open setting tool, click `<switch to PC-camera>` button to PC-camera mode.  
During PCCam normal functioning, red light indicates data communication status. If you is using camera, red light will slowly flicker. If not using camera function red light is long on.

**Attention:**  
According to computer configuration or system difference, computer cannot always detect camera function as soon as you link it with computer. If camera mode does not show up accidentally but enter removable disk mode, please remove the camera, and link it to the computer once again. The computer can only support WINDOWS system for the time being. If you want to disconnect camera with computer, please uninstall the product in proper way.

6.11. Setting the date and time  
You can set the date and time property as follows:  
a. Open setting tool, click `<Adjust Date & Time>` button and open setting window.  
b. Set the time according to your needs.  
1). year month and date setting: You can input the time or click the right pull down arrow to open date and time setting panel.  
2). Hour, minute and second setting: You can input the time.  
3). Time adjusting: after adjusting the date and time, click this button to enable the setting to take effect. Save the setting data and time to camera, synchronically.
6.12. Encrypt and decrypt the removable disk

Create password:
You can set the password for the removable disk to protect your profile effectively. Under the condition that other know nothing about the password, they cannot see and edit your data. Cryptographic security can effectively protect your privacy for civil-use products.

a. Open setting tools, double click <set password> and open password setting window.
b. Input password and confirm password in the password input box, make sure the password is the same twice you inputs in the input box.
c. Input according to tips: new password and prompt questions and answers for password.

Attention:
<New password> is the one you want to set; <Confirm password> is the one consistent with the one you filled in the new password column; <Password question> is for helping you recall password and it is up to you. When you forget the password, you can decrypt the encrypted disk according to the <Password question> for password and fill in the <Password answer> and reset the password which is easy for you to memorize. When setting password to the watch.
After setting the password, security protection takes effect and you need to keep the password in mind. If you forget the setting, you can only operate password resetting and have to lose all data in the removable disk. Encryption grade can only reach ordinary level and cannot prevent some high-tech decryption invasion and password cracking.

Access removable disk that has already encrypted:
For the encrypted removable disk, you need to access by inputing the right password otherwise system will offer prompt as the right:

Approach for decrypting:
a. Run the setting tools, open password input box.
b. Input the correct password, decrypt the removable disk that has been encrypted. After finishing decryption, you can open the removable disk and read-write the data inside.
c. If you does not input the correct password, you will not be able to access removable disk.

Change password:
Log-in removable disk with correct password and then open setting tools, double click password changing, camera will popup password input box, please input the correct old password.

Attention: the new password must be identical with the confirmed password. Other considerations refer to Create password.
Clear password:
If you do not want to input password every time read the removable disk, you can clear the password that was set before. The premise of clearing the password is that you have to log-in removable disk with correct password and then you can apply the function to clear password.

After clearing the password, your removable disk information will not be protected any longer and other can easily read and write the data inside.

There are two ways to clear the password. First approach, don’t input new password in the modify password window. Second approach, input correct answer of the password question, clear the password.

If you forgetting the password setting, please use the password resetting function:
If you forget the password and the answer that was set in removable disk, you can use the password resetting function and reset password for the removable disk. After finishing the resetting, you needs to format the removable disk.

Attention:
After using the password resetting function, data in removable disk will be lost. Please be cautious about this.
If using password resetting function, you cannot open the removable disk, then it maybe the card’s problem or it is encrypted on other products.

6.13. Set the camera parameters:
The camera is multifunctional, among those functions many parameters are able to be set according to your needs. Parameter setting is placed in SETUP.INI profile under removable disk root directory. Open the profile, you can edit the parameters of the profile is automatically generated, even if you delete the files in removable disk, it will automatically generate again and set the parameters as default. For each parameter, their commutation and options available are as follows:

<table>
<thead>
<tr>
<th>Item</th>
<th>Default</th>
<th>Available setting value</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>LedAutoSleep</td>
<td>Yes</td>
<td>No / Yes</td>
<td>Yes: If setting it as parameter, during the video shooting, and voice recording, indicator lights will auto hide after 20 seconds. Short press any button once and the status light is on for confirming camera status or new operation.</td>
</tr>
</tbody>
</table>

No: If setting it as parameter, the indicator light will not auto hide.
Yes: If setting it as parameter, when removable disk is full during shooting process, camera will automatically delete the earliest profile in the removable disk and spare enough memory space to continue shooting new profile.

No: If setting it as parameter, when the disk space is running out during shooting, camera will automatically stop shooting, red light quickly flicker, and automatically turn off the camera (under the condition of linking to a charger, camera will offer malfunctioning prompt all the time and the camera will stay on.)

Yes: If setting it as parameter, the new shooting video file will be with date and time watermark on the lower right corner and indicates the date and time when the video is shooting.

No: If setting it as parameter, the new shooting video file will not be with date and time watermark.

Yes: If setting it as parameter, the new shooting video file will be with date and time watermark on the lower right corner and indicates the date and time when the video is shooting.

No: If setting it as parameter, the new shooting video file will not be with date and time watermark.

Video resolution setting. 0 and 1280 means: 1280 x 720, 30fps
1600 means: 1600 x 1200, 15fps

- 22 -

- 23 -
- Video quality: This product is not a professional video recording device. It does not guarantee the effect of the video file to have the professional quality.
- Operating temperature: 0—40°C. For the extension of life, it is best used at room temperature.
- Environment brightness: Do not expose the camera directly to strong light, such as the sun light, to avoid damage to optical devices.
- Cleaning: Do not use it under the environment with high dust density to avoid the contamination of camera lens or other components.