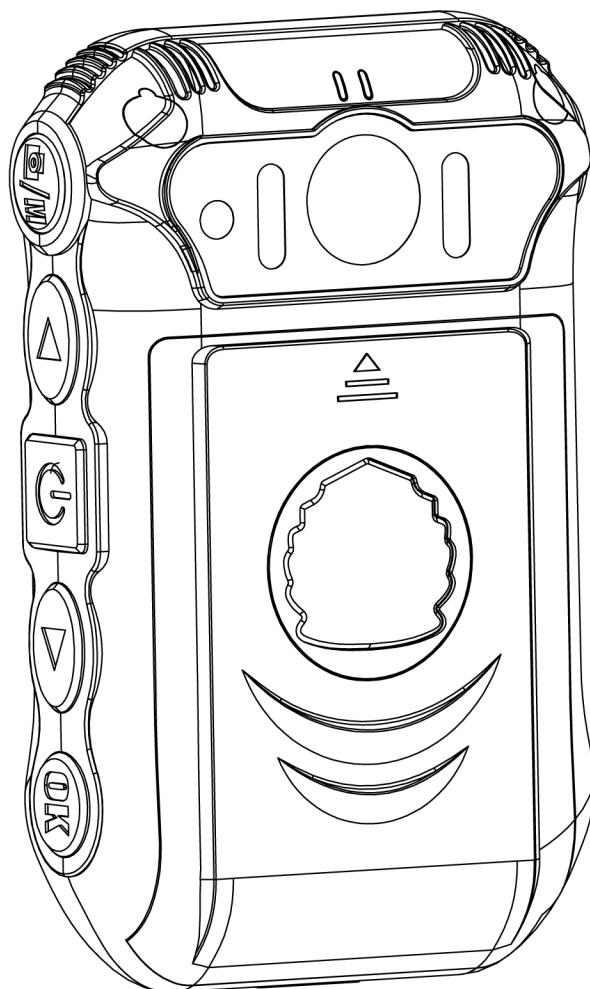





# PYLE VIGILANTE PRO HD BODY CAM USER MANUAL



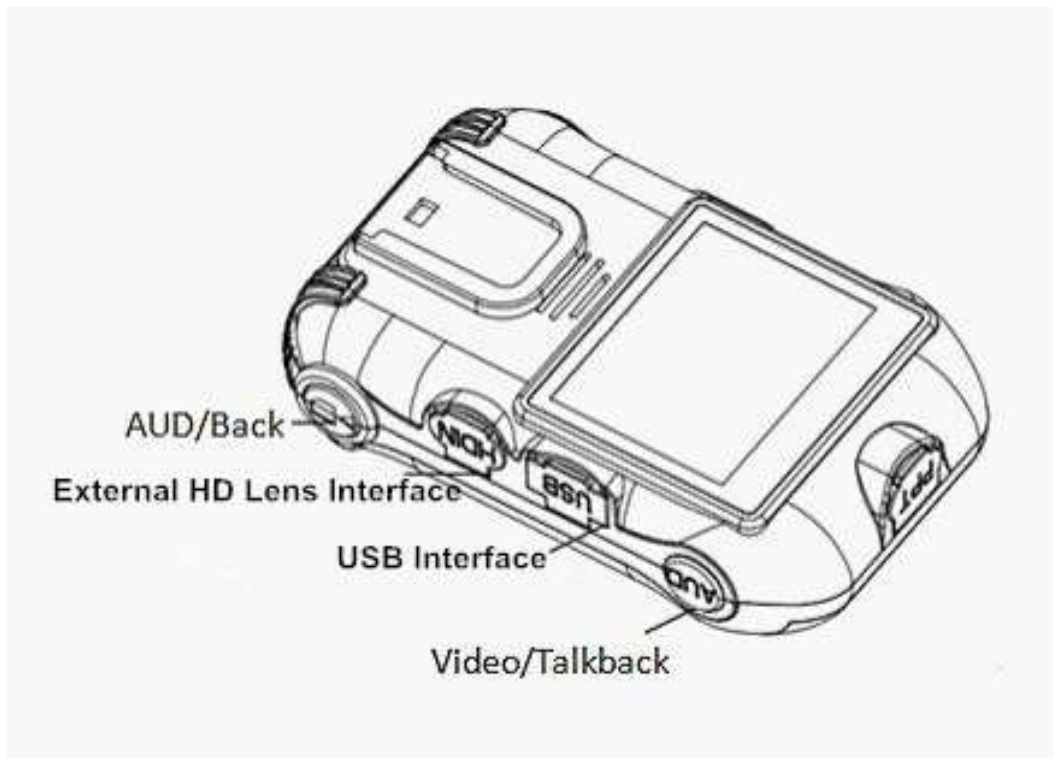
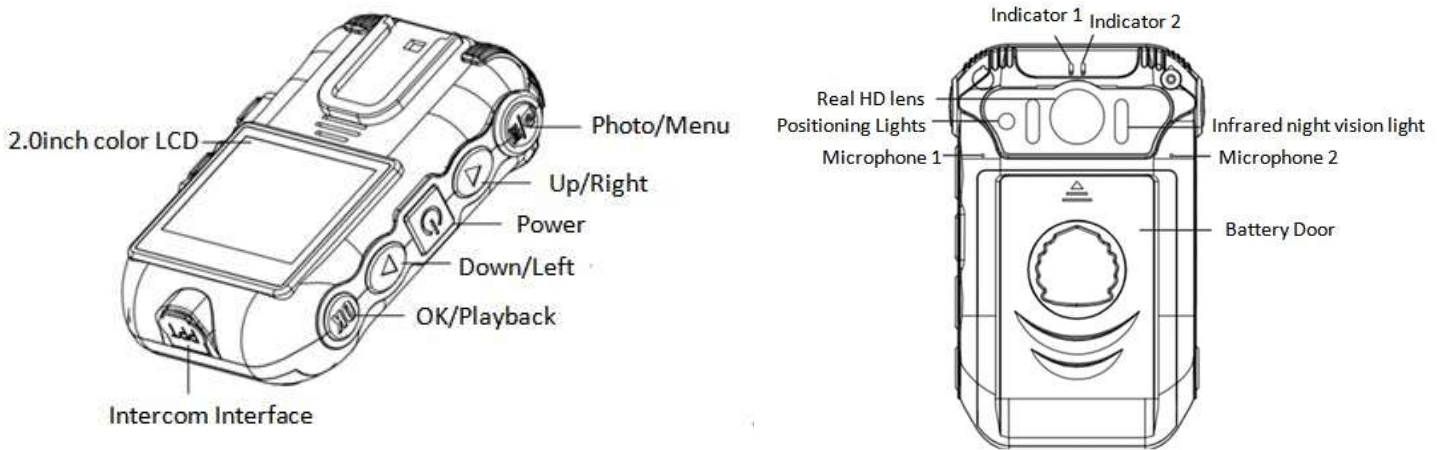
# User Manual

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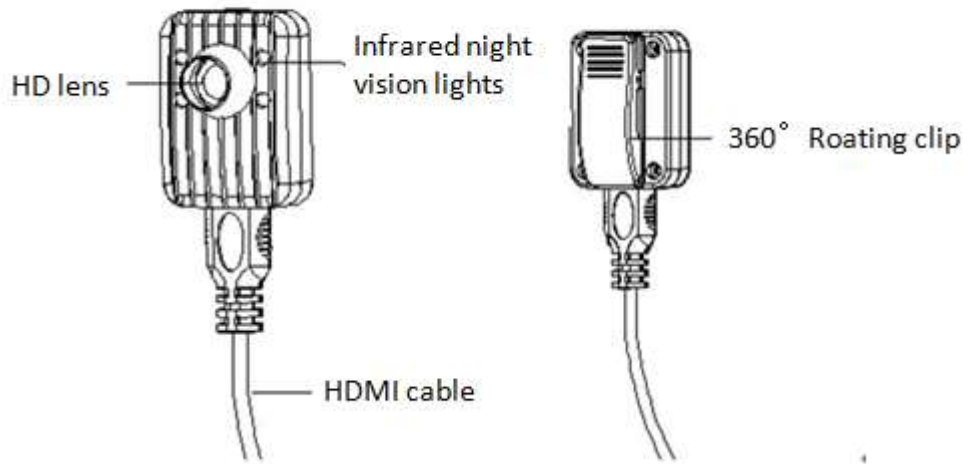
# ❖ Device operation user manual

## 1. Structure

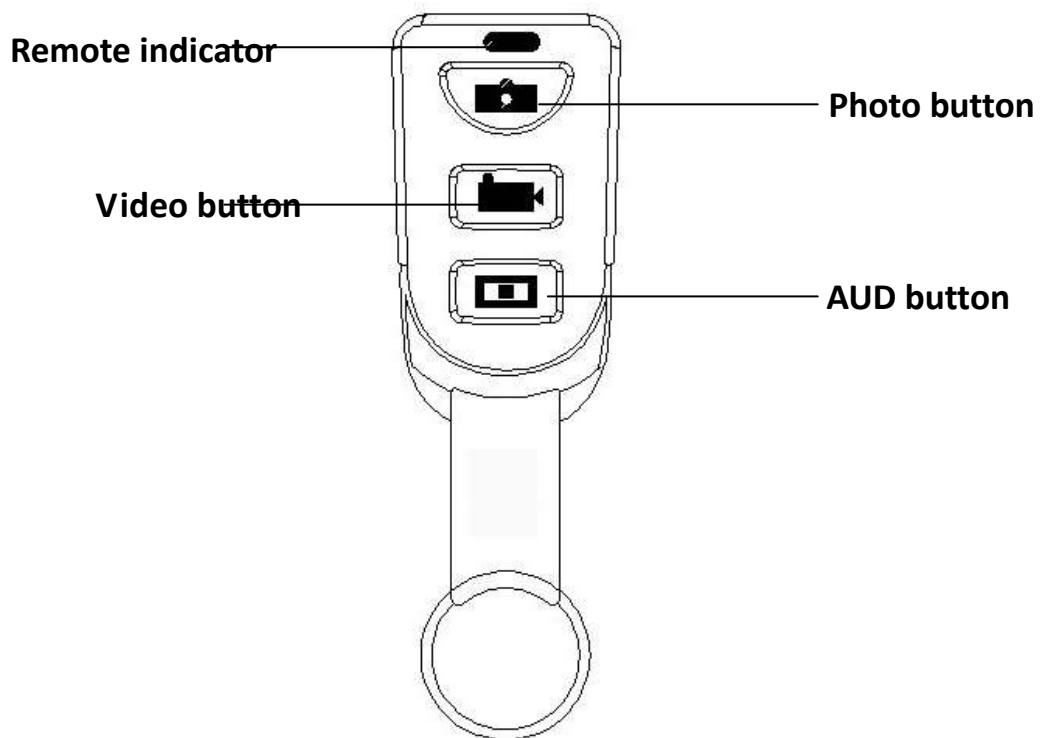
### 1.1 Master Structure



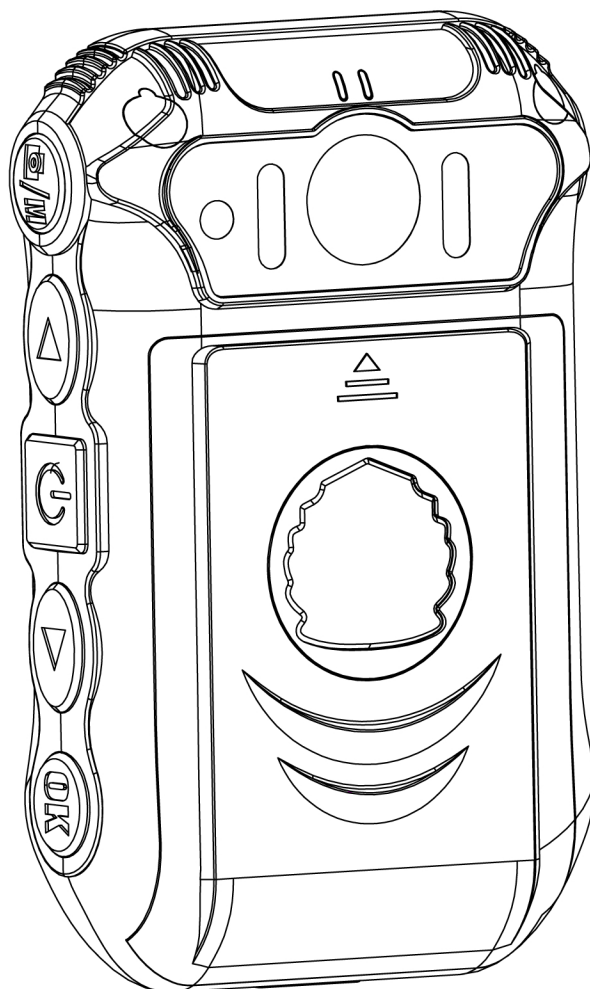
## 1.2 External lens structure (optional)



## 1.3 Wireless remote control structure (optional)



# PYLE VIGILANTE PRO HD BODY CAM USER MANUAL



PPBCM16

## **2. Operation**

### **2.1 Power Button**

Press the power button to turn the device on. Press and hold the button to shut the device down. Press the power button once to turn the laser positioning light on/off (while the device is powered on).

### **2.2 Video/Talkback**

Press the video button to begin video recording and stop video recording (on/off).

### **2.3 Photo/Menu**

Press the photo button to take pictures. Press and hold this button to enter the settings menu.

### **2.4 AUD/Back**

If you wish to record audio, press the Video/Talkback button located on the top left of the body camera. If it begins recording video automatically, press it once more. When you are in video mode and no video is recording, press the AUD button to begin the sound recording. In the settings or any other menus, press this button to return back to the previous menu.

### **2.5 OK/Playback**

Press OK to confirm a choice. In Video/Audio playback mode, press the OK button to confirm playback (begin/stop playing the video).

### **2.6 Up/Right**

In the settings menu, press the button to move upward or to the right to make choices.

- A. When there is no external lens, turn the night vision lights on/off by pressing and holding the UP/RIGHT button to make the IR cut filter work.
- B. When the external lens connects with the device, press and hold the UP/RIGHT button to turn the night vision lights on/off of the external lens.

## 2.7 Down/Left

In the settings menu, press the DOWN/LEFT button to move down or to the left to make choices.

Tip: Press and hold means press the button for 2-3 seconds.

Press means touch the button once.

## 3. Indicators

The indicators in power on mode or standby mode of this device are as the following chart shows. There will be no more description about this in the operation statement.

| Action        | Indicator 1          | Indicator 2            |
|---------------|----------------------|------------------------|
| Power on      | Green                | NO                     |
| Video         | NO                   | Flashing red light     |
| Standby       | Green                | NO                     |
| Charging      | Red                  | NO                     |
| Full charging | Green                | NO                     |
| Talkback      | NO                   | Red                    |
| Photo         | Green                | Red light flashes once |
| Audio         | NO                   | Flashing yellow light  |
| Match code    | Flashing green light | NO                     |

## 4. Basic Functions

### 4.1 Power on/off

Press the Power button (located in the middle of the right side) and it will enter the normal display scene. In any display state, press and hold the Power button for 3 seconds, and the device will power down.



Normal display scene

- Memory card recording time remaining
- State mark. In the video preview state, it is film icon; in the video recording state, it is a red dot; in the photo preview state, it is a camera icon.
- The ID number of the device.
- Displays that there is a memory card in the device.
- Battery level icon.
- Displays the system date and time.
- Displays the remaining storage of the memory card.

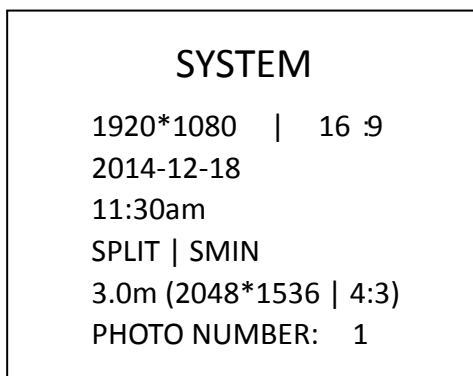
### 4.2 Screensaver/Standby

1. Screensaver: It automatically enters screensaver when there are no actions performed for three minutes. If this occurs, the LCD will shut off.
2. Standby: The device will enter standby mode (power-saving mode) when there are no actions performed for 3 minutes. In standby mode, press any button to activate the device. In standby mode, the electricity consumption will be reduced, which extend the battery life. This device can be in standby mode for over 30 days without needing a recharge.



## 4.3 System settings

Press and hold the Photo/Menu button to enter the System settings. The following screen will appear:



1. Resolution settings: press the OK/Playback button, the item turns yellow, press the Up/Maximize button or the Down/Minimize button to choose the resolution, then press the OK/Playback button to confirm the choice.
2. Date settings: press the up/down button to choose the date item, press the OK/Playback button, the item turns yellow, press the Up/Maximize button or the Down/Minimize button to choose the date, then press the OK/Playback button to confirm the choice.
3. Time settings: press the up/down button to choose the time item, press the OK/Playback button, the item turns yellow, press the Up/Maximize button or the Down/Minimize button to choose the time, then press the OK/Playback button to confirm the choice.
4. Video segmentation: press the up/down button to choose the video segmentation length item, press the OK/Playback button, the item turns yellow, press the Up/Maximize button or the Down/Minimize button to choose the video segmentation, then press the OK/Playback button to confirm the choice.
5. Photo size settings: press the up/down button to choose the photo size item, press the OK/Playback button, the item turns yellow, press the Up/Maximize button or the Down/Minimize button to choose the size (16M/5M/3M), then press the OK/Playback button to confirm the choice.
6. The number of photo/photos: press the up/down button to choose the number of photo/photos item, press the OK/Playback button, the item turns yellow, press the Up/Maximize button or the Down/Minimize button to choose the number, then press the OK/Playback button to confirm the choice.
7. Pre-recorded video: press the up/down button to choose the pre-recorded video item, press the OK/Playback button, the item turns yellow, press the Up/Maximize button or the Down/Minimize button to turn on/off the state, then press the OK/Playback button to confirm the choice.

8. Recorded video extension: press the up/down button to choose the recorded video extension item, press the OK/Playback button, the item turns yellow, press the Up/Maximize button or the Down/Minimize button to turn on/off the state, then press the OK/Playback button to confirm the choice.
9. ID settings: press the up/down button to choose the ID item, press the OK/Playback button, the item turns yellow, press the Up/Maximize button or the Down/Minimize button to choose ID, then press the OK/Playback button to confirm the choice.
10. Motion detection: press the up/down button to choose the motion detection item, press the OK/Playback button, the item turns yellow, press the Up/Maximize button or the Down/Minimize button to turn this function on/off, then press the OK/Playback button to confirm the choice.
11. After finishing the settings, press AUD/Back button to exit System settings.

Tip: For law enforcement software, those three settings need the device to connect with the computer. Please refer to the software instructions in the CD to set those settings.

## **4.4 Night vision lights and Filter switch on/off**

If you use this device during the night, press the button to open the infrared light; the filter is switched to white film, suitable for night use.

Press the “Up button” to switch between day and night operating mode. Daytime work mode display image for color display, nighttime mode displays image in a black and white display.

## **4.5 Photo**

In the initial preview screen, press the "Photo/Menu" button to take pictures. The upper left corner of the screen will display the camera icon while taking photos and the camera icon will briefly turn red. The indicator light flashes red once, and is accompanied by a “clicking” picture sound. Each press of this button will shoot a photograph, named with the date and time and JPG suffix (stored in the memory card). To view photos, please check the "View/Playback Video" section.

## **4.6 Video/Capture**

1. Video: In normal display mode, press the "Video" button to record. The upper left corner of the video screen will display a red dot. The indicator will slowly flash a red light. Press this button once to start recording; press it once more to stop recording. The file name will be the date and time (MP4 suffix) and will be stored in the memory card. To view the video, see the

"View/playback video" section.

2. While recording video, press the "Photo/Menu" button once to capture a photograph; it will continue recording after saving the photo.

## **4.7 Audio**

This device can solely record audio as well. In the preview/startup menu, press the "Record/Back" button [AUD button] to begin recording. The display shows a "Recording" prompt; press it again to stop recording. The recording will be saved to the memory card with the date and time as the name (WAV suffix). Recordings can be listened to via playback. See: "View/playback video" section.

## **4.8 View/Playback Video**

While on the default screen, press the "OK/Playback" button to enter the playback menu and view:

1. In the playback menu, press the up or down button to select the desired option (video/photo/audio). The selected item is displayed in yellow.
2. Press the "OK/Playback" button to display all files (video/photo/audio), in this display. Press the up or down buttons to select the desired playback files.
3. Then, press the second "OK/Playback" button twice to play the selected file (video/photo/audio). During playback, press the "OK/Playback" button to stop playback; press this button again to continue playing.
4. During the above operations, press "AUD/ Back" button once to return to the previous menu until the normal display appears.

## **4.9 Delete files**

You are not able to delete any files that are saved on the memory card without connecting the device to a computer. Remove the memory card and connect it to the computer in order to manage, view, and delete files.

## **4.10 Restart**

Because of improper operations or other possible causes, this device may crash or stop responding. There isn't a single-set restart button on this device, but you may remove the battery and it will serve the same function. If this does not work, make sure to contact a customer service representative that can help you with your situation.

## 4.11 AV Output / Voice Intercom

### 1. AV Output

The device has an AV output function. Use the AV output cable to connect to a monitor. Audio and video will play on the monitor when connected properly. The device's display will be blank while being transmitted to an external monitor/television.

### 2. Real-time transmission of voice intercom

In the AV output mode, you may use a real-time intercom, which will replace the audio of the video with whatever is being relayed through the intercom.

## 4.13 Connected to a computer

Connecting to a computer is direct and will not require the downloading or installing of any drivers/programs. Use the USB cable that was supplied with this device to connect it to your computer.

## 5. Installation and Remove of Clip and battery



I

1. Installing the Clip: as the above picture shows, push the retainer in the direction of the arrow (1), and then remove the clip by sliding it upward (2).



II

2. Installation of the battery door: as shown in the above picture, put pressure and press the battery door towards the bottom of the device. You are now free to install the battery. Place the battery door back on the device and slide upward in the opposite direction until it clicks into place.

## 6. External Camera

This product is equipped with an external HD camera; you can choose to use this at your convenience. It will help your recording become easier and more flexible, as you will be able to wear the device in different ways.



### Use of external camera:

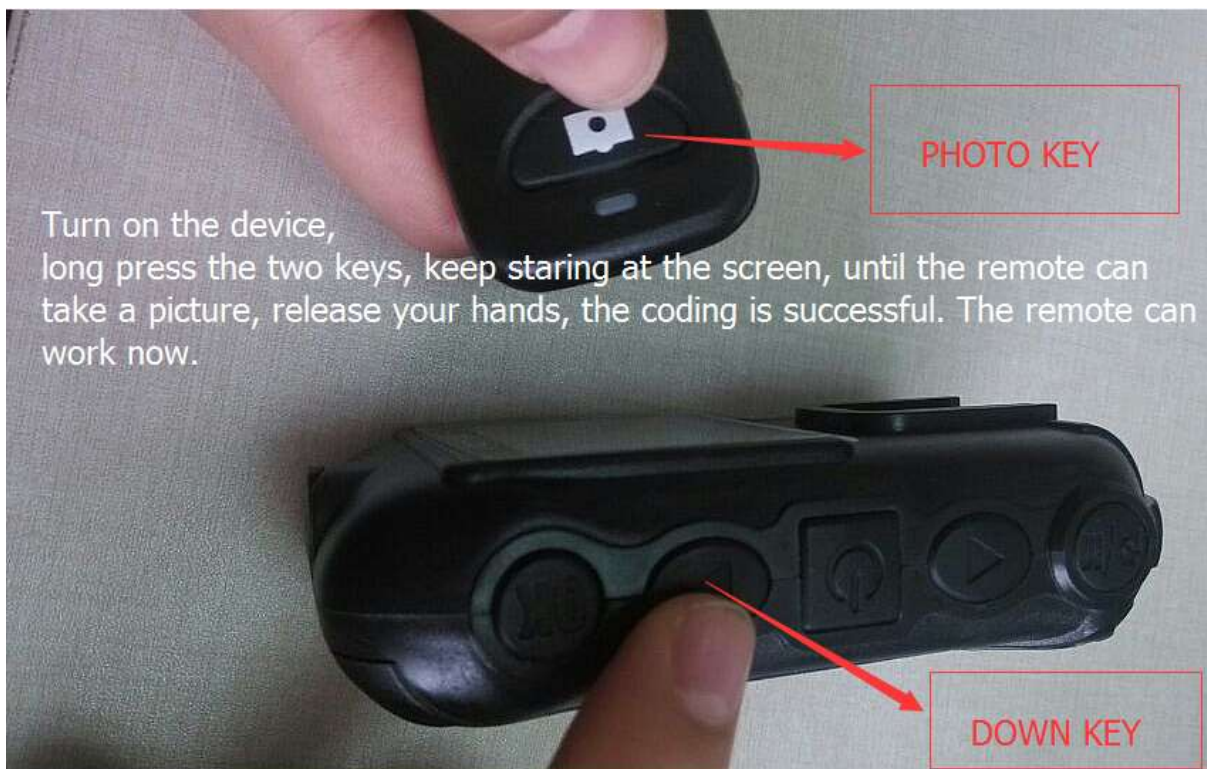
1. Insert the external camera cable into the machine's external camera input (located on the side).
2. The machine will recognize the external camera and start external camera mode (the machine has both inside and outside automatic camera display; the priority display is the external camera).

## 7. Remote Control

This device also has a remote control. You can use the remote control as a way of taking pictures and videos easier.

### 7.1 Match the code:

Turn on the device, press and hold the photo button (on the remote) and the down button (on the device) at the same time for about ten seconds (sometimes shorter or longer). Refer to this picture.



## **7.2 Remote control buttons operate as follows:**

Photo/Menu Button: Camera button, for taking photographs. Press this button while taking a video in order to capture a photo.

Video/Record Button: Video button, press this button to take a video; press it again to stop recording.

AUD button: Press this button once to start recording (audio only); press it again to stop recording.

## **8. Battery Charging**

Low Power Display: When the battery charge is too low, the power icon in the upper right corner of the display will become red and start flashing. The device will automatically shut down after five minutes. Please promptly charge the device when the battery is low in order to not affect your usage.

Charge your device in the following three ways:

1. This device is equipped with a replaceable battery. You may remove the battery for charging by using the charging station that was included.
2. USB data cable with the unit connected to a computer.
3. USB data cable with the unit connected to a wall adaptor/charging station.

## 10. Specification

|                                |   |
|--------------------------------|---|
| <b>Video Input</b>             | Body Built-in Camera res resolution 1920*1080;<br>External Camera resolution 1920*1080                    |
| <b>Display</b>                 | 2.0 inch 16:9 TFT LCD   960*240   |
| <b>Lens</b>                    | Built-in Lens: 1080P HD 120° wide angle;<br>External Lens: 1080P HD 90° wide angle                        |
| <b>Focus Range</b>             | 0.3~ ∞  |
| <b>CMOS</b>                    | 1/2.5" Color CMOS Sensor  |
| <b>Body Size</b>               | 2.4"×1"×3.9" (length × width × height)  |
| <b>Photo</b>                   | JPG file format up to 1600 million pixel camera   |
| <b>Video Camera</b>            | Video Format: H.264 compressed format<br>1920*1080@30fps,1440*1080@30fps,1280*720@60fps                   |
| <b>Video Format</b>            | MP4   |
| <b>Remote Control</b>          | Wireless remote control   |
| <b>Exposure Mode</b>           | Auto Exposure   |
| <b>IR night vision</b>         | Built-in high-powered infrared light, supports night photography and video; can auto-focus up to 8 meters |
| <b>Audio</b>                   | Built-in microphone / speaker   |
| <b>Pickup</b>                  | 64KHZ   |
| <b>Memory</b>                  | Standard 16GB SD Card recommended (Max 32GB)  |
| <b>Shutter / Shutter Speed</b> | Electronic Shutter   1/2-1/2000s  |
| <b>Filter Switch</b>           | Switchable lens filter, suitable for daytime or night use   |
| <b>White Balance</b>           | Automatic   |
| <b>USB Interface</b>           | Mini USB Interface/USB 2.0  |
| <b>Lithium Battery</b>         | <b>Replaceable &amp; rechargeable</b> High-capacity lithium battery;<br>3.7V 2600mAh (2 pieces)           |



|                              |   |
|------------------------------|---|
| <b>Operating Temperature</b> | -22°F~131°F / >90%  |
| <b>Operating Current</b>     | Power of about 270mAh, video is about 370mAh, screensaver about 230mAh, 420mAh IR to open |
| <b>Waterproof</b>            | IP54  |
| <b>Cable Length</b>          | USB cable: 39.4" GPS: 15.8"-34" External lens: 30"  |
| <b>Operating System</b>      | Windows 98/2000/ME/XP/Windows 7/Windows 8   |

## 11. Accessories

- HD Body Cam
- 220V Charger with Dock
- Battery (2600MAH)
- USB cable
- User manual
- 2x Mounting Clips
- External IR HD camera
- Wireless Remote Control

## 12. Troubleshooting



### **Device will not turn on; device is not responding**

- Please fully charge this device. After a full charge, check the problem again.
- Please check that the charger and the connecting line is normal.
- Please press the reset button to restore the device to factory settings, and then check to the problem ;
- If it does not resolve the problem, please contact customer service staff to return the factory repair.