

USER MANUAL



About This Manual

The contents in this document is for information purposes only and is subject to change at any time without prior notice. We have made every effort to ensure that this User Manual is accurate and complete.

However, no liability is assumed for any errors or omissions that may have occurred.

The manufacturer reserves the right to change the technical specifications of the software and hardware described in this manual and accessories at any time without prior notice.

Battery Warning

1. Never dismantle, crush, or pierce the battery, or allow the battery to
2. short-circuit. If the battery leaks or bulges, stop use immediately.
3. Always charge the camera. Do not attempt to change/remove the battery due to risk of explosion.
4. Keep the battery out of reach of children.
5. Batteries may explode if exposed to open fire. Never dispose of batteries in a fire.
6. Never replace the battery on your own; have the dealer do it for you.
7. Disposed of used batteries observing local regulations.

General Notes

1. Do not touch the lens with your fingers. Finger grease may be left on the lens and will result in unclear videos or snapshots. Clean the lens on a regular basis.
2. Always charge the battery fully before use, especially when the device is not used for a long time.
3. Only use the original accessories provided in the box. Using others might cause damage to the device.
4. Do not disassemble the device without an authorized instruction.
5. It is advisable to always keep the device password enabled, even if it's the default one. If you disable the password, anyone can access the device and its contents. The default password is 000000. You can change it in the settings.
6. You are able to retrieve files (videos/audio/photo etc.) without the need for driver or software installation. Simply connect the camera to your PC and enter the password (000000 / the OK button 6 times).
7. You can change the settings from the in-built camera menu, or via PC software ("Cam Manager") which is found inside the drive. It is advisable to copy these files to your PC as they will be erased if you format the camera/drive.

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1. Introduction

Please read the user manual to understand the functions of your BWC. Any mention of “U Disk” in this manual is referring to the camera drive where you can access your files.

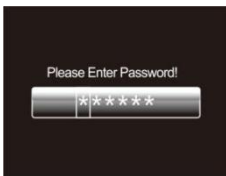
This is a quick demonstration on how to connect your BWC to your PC to retrieve your files.

1.1 Connect to PC with Password Enabled.

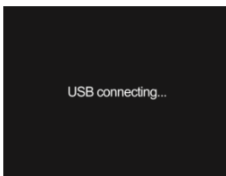
In Password On Mode, please refer to the steps below.

A. Connect the device to PC via the original USB cable.

B. A “Please Enter Password” window will show up on the LCD screen of your body camera (see photo below).



C. Please **press the OK button six times (000000)** and a “USB connecting” notice will show up on the LCD screen (see photo below). This means that your camera is recognized successfully by your PC as another drive.



D. Depending on your PC setup, the drive may automatically open, or you can go to MyComputer/This PC and look for the drive under “devices and drives”.

1.2 Connect to PC with Password Disabled.

In Password Off Mode, a reminder “USB connecting” will show up on the LCD screen directly after connecting the device to PC via the original USB cable. The drive then automatically open.

2. Box contents

- Body Camera
- Charging Dock
- USB Cable
- Wall Socket Charger
- Epaulette Clip
- Rotatable Crocodile Clip
- User Manual

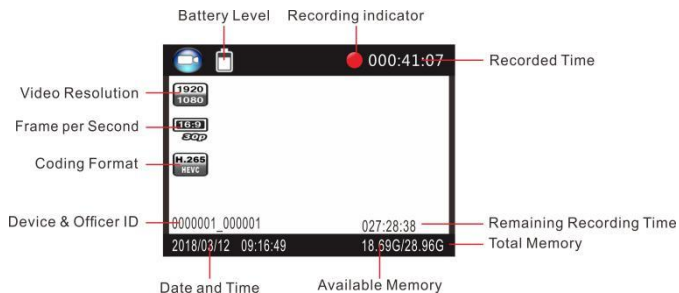
3. Product Overview



Item	Description
1. Status Indicator LED	<p>Still Green: camera is in standby mode (Power on but not recording)</p> <p>Still Red: camera is on pre-recording mode</p> <p>Flashing Red: camera is recording video</p> <p>Flashing Yellow: camera is recording audio only</p>
2. Charging Indicator LED	<p>Blue: Charging Status</p> <p>White: Camera is fully charged</p>
3. Pogo Pin	<p>Connection port to charging dock</p>
4. Lens	<p>Capture high resolution images/videos</p>
5. Infrared LED	<p>Providing infrared light compensation in low light conditions, to help camera record good quality video with clear face view up to 10 meters</p>
6. Flashlight	<p>Hold Fn button to turn on/off flash light</p>
7. Light Sensor	<p>Detect changes of light and turn on/off IR for low-light recording automatically</p>
8. USB Port	<p>For power charging or data transmission</p>
9. Snapshot Button	<p>a) Press to take photo in standby mode</p> <p>b) Press to take a snapshot while camera is in video recording mode</p> <p>c) press to switch between video, photo and audio when playing back files.</p>
10. Audio Recording / Mute	<p>a) Press to record audio when camera is in standby mode</p> <p>b) Press to enable/disable video mute when camera is in video recording mode</p>
11. LCD	<p>View camera status and playback recorded files</p>





Screen	
12. Playback & Scroll Up Button	<ul style="list-style-type: none"> a) In Menu or Playback mode, short press to scroll down next page or file b) In standby or video recording mode, hold to zoom out c) In standby mode, press to review files d) In playback mode, press to rewind video
13. OK Button	<ul style="list-style-type: none"> a) In menu set-up, short press to make a selection b) In playback mode, press to pause/resume video or audio playback
14. Menu & Scroll Down Button	<ul style="list-style-type: none"> a) In standby mode, short press to enter menu set-up b) In Menu or Playback mode, short press to scroll down next page or file c) In standby or video recording mode, hold to zoom in d) In playback mode, press to fast forward video
15. Video Recording Button	<ul style="list-style-type: none"> a) In power-on mode, short press to start/stop recording b) In power-off button, hold for 3 seconds to power on camera and execute video recording function.
16. Fn Button	<ul style="list-style-type: none"> a) Press to turn IR LED on/off when IR mode is manual b) Hold to turn on/off flashlight
17. Power Button	<ul style="list-style-type: none"> a) Hold 3 seconds to power on/off camera b) In power-on mode, short press to turn on/off LCD . c) Short press to exit to previous interface when navigating setting or playing back files

LCD Interface:




4. Main Menu / Settings





To enter the settings menu:

1. Press Menu button  and then enter the password.
2. Enter the password by the following commands:
 - Press Scroll Up button  to change the character to the previous letter or number.
 - Press Menu button  to change the character to the next letter or number.
 - Press OK button  to confirm and move to the next character

PS: The default password is 000000.

3. After selecting the last character, press OK button  to enter the setting menu.

To navigate the settings menu:

- Press Menu button  to select next setting or option.
- Press Scroll Up button  to select the previous setting or option.
- Press OK button  to move to confirm your selection or enter the sub-menu.
- Press Power button  to return to the previous menu.

The following is a list of the available settings and options. Bold = default.

Setting	Description	Options
Resolution	The video resolution	2560×1440 30P 2304×1296 30P 1920×1080 30P 1280×720 30P 848×480 30P
Megapixels	The photo resolution	40M (8448×4752 16:9) 30M (7304×4104 16:9) 25M (6664×3752 16:9) 20M (5984×3366 16:9) 12M (4608×2592 16:9) 5M (3008×1688 16:9)
Burst	The number of images captured in a row when you take a photo.	Off , 2, 3, 5, 7, 10, 15, 20, 30
Record Cam	When external camera is plugged in, choose which camera to record video.	External, both (ext. and main)
Self Timer	The time camera waits until taking a photo after you press Snapshot button.	Off , 5 sec, 10 sec, 20 sec, 30 sec, 1 min
Quality	The quality of the video.	S. Fine , Fine, Normal
Pre-record	When on, a certain time (depend on video resolution) will be combined into the recorded video before record button is pressed to start recording; When off, video start until the Record button is pressed to start recording.	Off , On
Post Record	The amount of the time the camera waits to stop recording video after you press the Record button.	Off , 5 sec, 1 minute, 10 minutes, 20 minutes, 35 minutes

CarDV Mode	When on, camera will power up automatically and start video recording when it is charged. Camera will power off as it normally does when it is disconnected from the power source.	Off, On
Auto-Record	When on, camera will start video recording once it powers on. When off, camera enters standby mode, not record video when powers on.	Off, On
Loop Recording	When on, camera will overwrite the oldest video file with the most current video file once its memory is full.	Off, On
Split Time	While recording video, the camera will automatically split its recording into files of this length.	1 min, 3min, 5 min, 10 min, 15 min , 30 min, 45min
Slides Show	When on, viewing photo file will start a slideshow where each photo will be shown for around 5 seconds.	Off, On
Infrared	When set to manual, you will need to hold Snapshot button to turn IR LEDs on/off. When set to Auto, these lights will activate automatically based on the light sensor's reading.	Manual, Auto
Motion Detect	When on, camera will start recording when front movement is detected by the lens.	Off, On
Record Warning	When on, you will hear a voice confirmation; When off, voice confirmation is disabled.	Off, On


Global Positioning	When GPS is on, position of coordinates will show on the video footages. Then you put the coordinates into Google earth, that giving you the exact positioning of the footage recorded.	Off, On
Time Zone	Adopt local time in real time zone	-12 to +12 Default 0
Language	The language of the text in camera interface	English , 繁體中文, Русский, JezykPolski, French, Portuguese
Screen Saver	The amount of the time the camera can be idle before deactivating the display to conserve power.	Off, 30 sec, 1 min , 3 min, 5 min
LCD Brightness	Screen lighting to view	High, Low
Auto Power off	The amount of the time the camera can be idle before powering off.	Off , 30 sec, 1 min, 3 min, 5 min
LED Light	When on, indicator LED will tell the status of the camera; When off, camera is entering covert mode	On, Off
White LED	The switch of flashlight	On, Off
Key Tone	When on, camera will play a tone each time you press a button. When off, tone is disabled.	On, Off
Volume	The volume of camera speaker. This affects the loudness of video playback, audio playback, the key tone, record warning, and any other sounds played by camera. This doesn't affect the volume of the recorded video or audio files themselves.	0-12 Default 12

Coding format	The coding format of video files	H.264 , H.265
Time Setup	Adjust time to real location	yyyy/mm/ddhh/mm
ID setting	User can set Device SN and Person SN	Alphanumeric characters
Password	If password is on, user needs to enter password to get access to setting and connection to PC	On, Off
Change Password	Password can be set or changed	Alphanumeric characters
Default setting	Use this to return camera to its original settings. This does not erase the memory	O (Yes), X (No)
FW Name	H22_YYYYMMDD_V	



Operation


5.1 Power on/off

hold Power button  for 3 seconds to start up and enter standby mode; at any mode with holding Power button  for 3 seconds, camera will shut down.

PS: at standby / video recording / audio recording mode, short press power button , screen saver can be on/off.

5.2 Audio recording



In standby mode, press audio Recording Button  for audio recording. Camera will beep, and vibrate once and LED indicator on the top turns yellow and flashes. Press again audio Recording Button  to stop audio recording (camera vibrates twice) and save the file.


In audio recording mode, short press OK button  to remark the file as an important file, the yellow star icon will appear at the right side on screen.

5.3 Photo shooting


At standby mode, press photo button  to take photos.

5.4 Video recording


In standby mode, press video Recording Button  to start video recording. Camera will beep, and vibrate once and LED indicator on the top turns red and flashes. Press again video Recording Button  to stop video recording (camera vibrates twice) and save the file.

In video recording mode, short press OK button  to remark the file as an important file, the yellow star icon will appear at the right side on screen.



5.5 One-button video recording

At power-off mode, hold video Recording Button  for three seconds for powering on the camera and start video recording immediately.

5.6 PIV (picture in video)




In video recording mode, press photo button  to capture photo.

5.7 Zoom

In standby or video recording mode, hold Scroll Up button  and scroll down button  to zoom in and out the image.

5.8 IR night vision


Under dark circumstances, infrared LED will help to record clear image or video.

In standby mode, PRESS Menu button  to navigate. Find option **【Infrared】**, PRESS OK button  to enter sub-menu: Manual & Auto, press OK button  to select.


1) Auto infrared mode:

In low light situations (1 Lux), 2 IR LEDs will be turned on automatically, camera switches on infrared filter lens, video image turn black and white. Otherwise, when circumstance brightness grew up, IR LED turns off, and image becomes colorful again.


2)Manual infrared mode:



When night vision is needed, PRESS Fn button  to switch to Infrared mode, IR LEDs will be turned on, black and white image. PRESS this button again to turn off IR LEDs, image becomes colorful.





5.9 White LED





In standby or video recording mode, hold Fn button  to turn on/off white LED.

5.10 Playback

In standby mode, press button  to enter playback mode. There are Video,

Photo, and Audio options. Press to button  to select, and press OK button  to confirm the selection.






1) In video file playback mode, PRESS OK button  to pause/resume playback; PRESS scroll-Up button  to rewind, PRESS Scroll-down button  to fast forward, then PRESS OK button  to play normally. You can fast forward or rewind 2x, 4x, 8x, 16x, 32x, 64x.

2) In photo file playback mode, hold  and  button to zoom in and out the image. Adjustable is X1.0~X10.0. In the zoom in and out image, short press  and  button to move the image to right or left side.



5.11 Reset




To reset the device, use a small needle to jab the reset button. The reset button is located next to the USB port.

5.12 Device ID/ User ID

In standby mode, PRESS Menu button  to enter settings. Find [ID setting], PRESS OK button  to select, then the Device & Person SN interface will show up, 5 characters for device ID and 6 characters for person ID. PRESS scroll-Up button  or Scroll-down button  to choose a character, then PRESS OK  button to select.

5.13 Time Setting

In standby mode, PRESS Menu button  to enter settings. Find Time bar, for example, 2008/02/02 07:40. PRESS OK button  and enter the password, then users can change the date and time.

Press scroll-Up button  or Scroll-down button  to choose a character, then PRESS OK button  to select.

5.14 USB Driver video/picture/audio files can only be deleted on your PC/laptop.

After being connected to PC, password interface shows up, please enter the password (default password is 000000), press the (ok) button 6 times and the camera will be recognized by the computer as Extra drive. User can go to camera folder and delete those files not needed.

5.15 Charging

When camera batter is low, the battery icon will flash in the display, and you will hear a alert tone. When this happens, charge the camera.

While camera is charging, indicator lights blue and will turn white after camera is fully charged. It will take approximately 4 hours to fully charge the camera.

Charging methods:

- 1). Use a USB cable to connect camera's USB port to an USB port on your computer (powered on) or the included USB power adapter (connect to a power outlet)
- 2). Attach camera to the docking bay. Use a USB cable to connect the docking bay to an USB port on your computer (powered on) or the included USB power adapter (connect to a power outlet).

5.16 H.264 and H.265 video coding

Please make sure you are using the correct video coding to suit your computer. H.264 is compatible with older windows operating systems and older MAC OS. H.265 is only compatible with windows 10 and newer MAC OS. H.265 requires your computer to have more advanced hardware to work with the video coding.

If you record videos by using H.265 coding format, it is suggested to download a Media Player Codec Pack to assist in video playback, e.g: <https://www.mediaplayercodecpack.com/>