

FCC Caution:

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this 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 device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.

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:

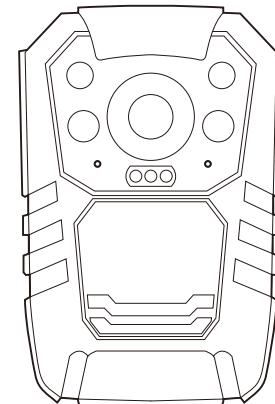
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction

FCC ID: 2BH2O-I826PRO

Instruction Manual & Warranty Card

WiFi Police Body Worn Camera





Thanks for choosing our 4G/WiFi police body worn camera. Hope the camera can help you in the work of law enforcement.

Product Overview

The WiFi Police Body Worn camera developed by us has many process technologies such as GPS, photography, video and audio recording. It can help you collect evidence, standardize law-enforcing conduct, and assure the accuracy and fairness of law enforcement.

Product Features

Item	Parameter
Max Pixel	40 Mega Pixels
Video Resolution	2560*1440 / 2304*1296 / 1920*1080 / 848*480
Display Screen	2 inch TFT-LCD HD Clear Color Display Screen
Wide Angle	140° Wide-Angle Lens, Image Without Deformity
Memory Capacity	Build-in 32G/64G/128G Optional
Video Encode Format	H.264/H.265
Battery Capacity	Built-in 3500 mAh Lithium
Continuous Recording Time	Continue recording time up to 9 hours (battery full charged, WIFI/GPS/IR closed, and resolution ratio 1280*720 30p)
Shoulder Microphone	Support All Kinds of Walkie-Talkie
Positioning System(Optional)	GPS / Beidou Positioning
Car Mount(optional)	Support
External Power Supply(optional)	Support

Quick Operation

Long press to power on/off, and short press to turn on/off screen.

Short press to start voice recording, and short press again to stop.

Short press to take a photo, and long press it to turn on/off LED white light.

Short press to start video recording, and short press again to stop.

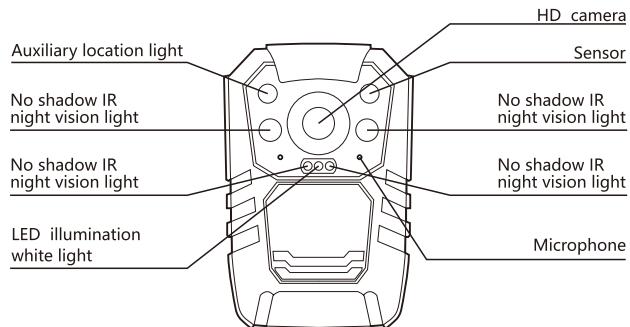
Short press to turn on infrared light, and short press again to turn it off.

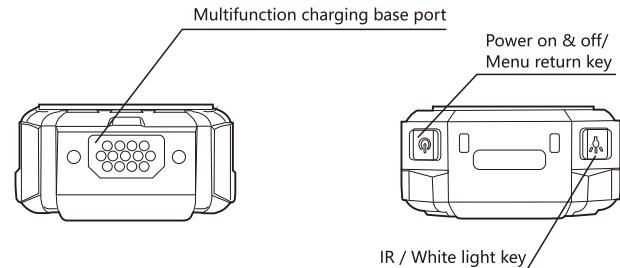
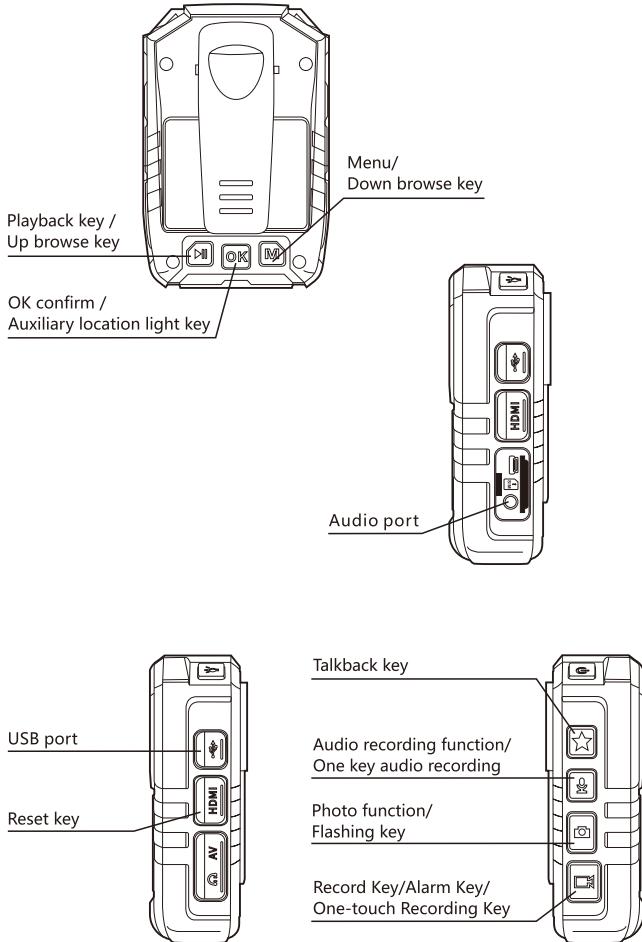
Short press to playback the last photo, video or audio files.

Short press to set the function and parameter.

Press to return the last screen when in menu or playback mode.

Appearance And Key Description





Display Screen Description



Basic Operation Description

● Boot up The Camera

Press  for 2 seconds, the camera will vibrate and beep on with green LED, and enter to standby mode with screen lighted up.

● Audio Recording

Short press  , the camera will start recording audio with vibration and flashing yellow LED light. Press  again to end recording, and the audio will be saved automatically with vibration and yellow LED light off.

● One Key Audio Recording

Long press  for 3 seconds to start audio recording when the camera is off.

● Combination Function of Photo Taking

Short press key  to take photo when the camera is in standby mode.
Long press key  for 3 seconds to turn on LED flash light, and the light will flash under a specific frequency. Long press it again to turn it off.

● Video Recording

When the camera is in standby mode, short press  , the camera will vibrate with voice Guide Law-enforcement, video recording start , then a small red video light flash on the left top of the screen, which indicates the video is recording. Press  again, the camera will vibrate and end recording, the red video light off, and the video will be saved automatically. (Note: this function is closed in default)

● One Key Video Recording

Long press  for 3 seconds to start video recording when the camera is off.

● Laser Pointer

Long press  for 3 seconds to turn on laser point light. Long press it again to turn it off.

● Snapshot Under Video Recording

Short press key  to take a photo in video recording mode.

● Switch Between IR and LED White Light

Short press  to turn on IR red light when at night or dark environment.
Press it again to shut down in video recording or standby mode. Long press  to turn on LED white light. Long press again to turn it off.

● Ok Confirm

Short press  to get into video, photo, audio folder and select a file to play. Long press  for 4 seconds to open laser point light, do it again to turn off.

● Fast Forward and Fast Reverse

Short press  or  to fast forward or fast reverse at 2X, 4X, 8x, 16X, 32X ,64X under playback mode.

● Menu Selection

Short press  to set the function and parameter as below in standby mode.

Setting	Description	Options
Video Resolution	The image resolution for video	2560×1440 30P, 2304×1296 30P, 1920×1080 30P, 1280×720 30P, 848×480 30P
Photo Resolution	The image resolution for photos	40M, 36M, 21M, 16M, 14M, 8M, 4M,
Quality	The quality of the image for video and photo files.	High, Medium, Low
Video Encode Fomat	Higher encoding format save more memory space.	H.264, H.265
Pre-record	When on, any video you record will include some of the time that elapsed before you press the Record button (stored in the camera buffer); When off, any video you record will include only video and audio from the point after you press the Record button.	Off, On
Delay Record	The amount of the time the camera waits to stop recording video after you press the Record button.	Off, 30 sec, 1 minute, 1 minutes, 10 minutes, 30 minutes
Loop Recording	When on, camera will overwrite the oldest video file with the most current video file once its memory is full.	Off, On
Burst Shot	The number of images captured when you take a photo.	Off, 2, 3, 5, 10, 15, 20

Live Streaming	Image resolution for live streaming	HD 30P, HD 15P, WGA 30P, WVGA 15P, VGA 30P, VGA 15P
GPS	When GPS is on, position of video will be recorded and can be reviewed by GPS player. (GPS satellite signal only works in outside)	Off, On
Time Zone	Adopt local time in real time zone	-12 to +12
LED Light	When on, indicator LED will tell the status of the camera; When off, camera is entering covert mode	On, Off
Language	The language of the text in camera interface	English, Русский, Język Polski, Español, Français, Jazyk:etina, українська
Infrared LED	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
Recording Warning	When on, you will hear a voice confirmation when you start recording. When off, voice confirmation is disabled.	Off, On
Police Warning	When on, the camera will announces the police ID when start recording.	Off, On

Key Beep	When on, camera will play a tone each time you press a button. When off, tone is disabled	On ,Off
Video Split Time	While recording video, the camera will automatically split its recording into files of this length.	5 min, 10 min, 15 min, 30 min
Screen Saver	The amount of the time the camera can be idle before deactivating the display to conserve power.	Off, 15 sec, 1 min, 3 min, 5 min
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
Mute Audio	When it is OFF, the camera will record normal video with audio. When it is ON, the camera will record video without audio.	On, Off
Record on Power	Recording immediately when the camera is powered on	On, Off
ID setting	User can set Device SN and Person SN	Alphanumeric characters
Time Setup	Adjust time to real location	yyyy/mm/dd __:__
Default setting	Use this to return camera to its original settings. This does not erase the memory.	O (Yes), X (No)
Version Information	The hardware and firmware version of this device	Information

Indicator Light

- **Standby Indicator Light (GREEN)**

The light turns to green when the camera is powered on.

- **Charge Indicator Light (RED)**

The light turns red during charging, and turns green when it is full.

- **Video Recording Indicator Light (RED)**

The light turns red and flashing under video recording.

- **Audio Indicator Light (YELLOW)**

The light turns yellow and flashing under audio recording.

- **Key Function Description**



Reset it when the camera is running wrong or hangup.

- **Play Key/Page Up Key** 

Short press this key to enter the playback interface.

When review files, press this key to page up.

- **Combination Key /Laser Pointer Key** 

Press this key into video, photo, audio file browse mode and confirm it.

Long press  to open Laser Point light for the best positioning, and do it again to turn it off.

- **Two Way Communication Key (Talkback Key)** 

In the status of live stream off, when camera is connected with walkie-talkie, long press this key can realize intercom function.

In the status of live stream on, choose talkback by Device microphone & speaker in menu and long press this key to realize communication with surveillance center.

- **Audio Recording Key /One Key Audio Recording Key** 

Press this key to start audio recording, press it again to stop it.

When the camera is under turn off status, 4 seconds long press this key to start audio recording, press it again to stop it.

- **Photograph Key /LED Flash Light Key** 

Short press this key to take photo.

Long press to turn on LED flash light function.

Press this key to snapshot when camera is recording.

- **Video Recording Key /One Key Video Recording Key** 

When the camera is in standby mode, short press this key to start recording, press it again to stop recording.

When the camera is off, long press this key for 4 seconds to start recording directly.

When camera is in live stream status, long press this key to alarm.

- **Menu Key** 

Press this key into system setting interface.

When review files, press this key to page down.

- **IR Night Vision Light Key /LED Illumination Light** 

Short press it to open no shadow IR night vision light and help to calibrate the video object. Short Press it again to turn it off.

Long press this key for 4 seconds to open LED illumination function, Long press it again to turn it off.

- **USB Port** 

Using cable connect this port with computer to get the file and charge the camera.

- **AV IN Port** 

Connect to external camera. Picture and voice from external camera will shows on the screen.

- **Power ON & OFF/ Lock Screen Key** 

Long press this key to boot, long press it again to turn the camera off.

Short press it to turn on the screen, short press it again to turn it off.

- **Abnormal Alarm**

Two kinds of abnormal alarms:

when the battery is weak, Battery life flashes on the screen , at the same time the camera body shake and alarm with alert when the battery is full, the screen will alert storage full, the camera body shake with Alert tone alarm.

- **Power Saving Mode**

When no operation after 1 min, 3 min, 5 min (optional in menu), the LCD screen will close automatically to save power. Press any key to reopen the LCD.

Short press key  at a time to turn off LCD, short press any key LCD will reopen, and camera return to normal.

● Charging (Li-ion Rechargeable Battery)

Battery will be full after 4 hours charging under the camera is turned off(Using charger equipped). During the charging, indicator light will turn red, and turn green when it is full.

While using multifunctional base charger, plug the camera into the base, and connect the power, the red power light on the charger turn on, and camera boot automatically. You need to turn the camera off manually, and red indicator light on the camera body will turn on, which will turn green when the battery is full.

● Charging Ways

- ✓ USB connect to computer
- ✓ Multifunctional base charging
- ✓ Charger connect to 220V power charging

● Attention

- ① The focus can not be adjusted under resolution 2304*1296.
- ② Reopen IR night vision light to return color to normal when the screen has color aberration (like red).
- ③ Two ways of charging. Turning off charging, 1.2A charging electricity, 4 hours get to full. On boot charging, 500mA charging electricity. (this way can protect the circuit board and battery life) so fast charging can choose Turning off charging, slow charging can choose On boot charging.

④ After no use in long time, please charge it full at first before use it again. Please don't open and repair the camera by unauthorized organization.

⑤ Please use a pin to press the reset key   to reboot the camera, when running hang or abnormal.

⑥ Please get the camera bottom from water, to avoid short circuit during using.

WiFi function and operation

● WiFi Function

1. Press the menu button  to select 4G off/WiFi on, afterwards choose the selection of “reboot”. After the reboot, please power on the camera again.
2. After powering on the camera, it needs 15 seconds to connecting with WiFi signal. When connecting WiFi successfully, there is WiFi icon in GREEN in the left side of the LCD.

● Tips

1. After format the camera, need to configure WiFi information again.
2. Inserting or pulling out SIM card is forbidden when camera is on.
3. If camera lose WiFi connection, it will shows white logo with red cross.
4. When camera is in real time live streaming, please take it away from the surveillance computer to avoid signal interference.

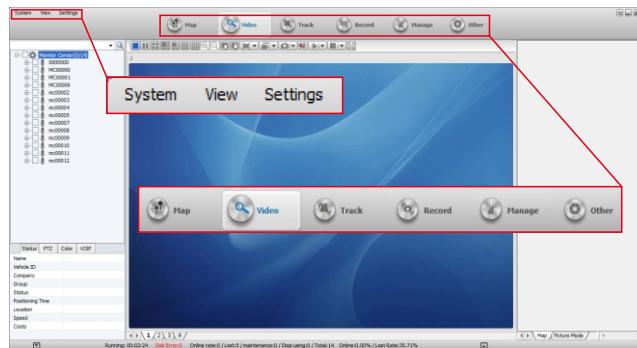
CMSV6 Guidance

Run CMSV6 to Start The Software, See Below

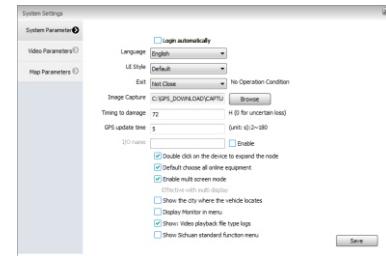


Please ask the sales about the Login ID and password for CMSV6.

Main Interface is as Follows



System Setting Menu



The users can do the setting according his/her permission.

(Tips: CMSV6 System and "System User Manual" can be downloaded from CD.)

Camera Management System

● Connect with camera

1. Install driver in computer. (If you install it before, no need to install again. If no, ask sales to offer driver and installing instruction)
2. Turn off camera and connect it with computer by USB. (Don't enter password on camera)

● Login the management system

There are two roles(Administrator and User) for your selection when login. User can read the camera information and calibrate time, to revise user password and enter to camera disk is also allowed.

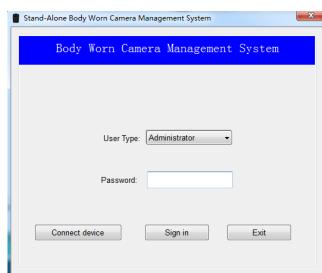
● Connect with camera

1. Install driver in computer. (If you install it before, no need to install again. If no, ask sales to offer driver and installing instruction)
2. Turn off camera and connect it with computer by USB. (Don't enter password on camera)

● Login the management system

There are two roles(Administrator and User) for your selection when login. User can read the camera information and calibrate time, to revise user password and enter to camera disk is also allowed.

Administrator has the highest authority to manage the cameras.



Login steps: Enter password-connect device-login

Default password: 000000

● Settings

Time setting

Click "calibration time" , camera time will be synced with computer.

● Parameter setting

Click "read" , you can check the camera's current resolution and the remaining battery capacity.

● ID setting

Click "read" , you can check the current camera ID, police ID, department, user name and department name, if need to revise those information, type them directly to the corresponding columns, then click "setting" .(Camera ID should be coincident with server setting, or it can't connect with server)

● Network setting

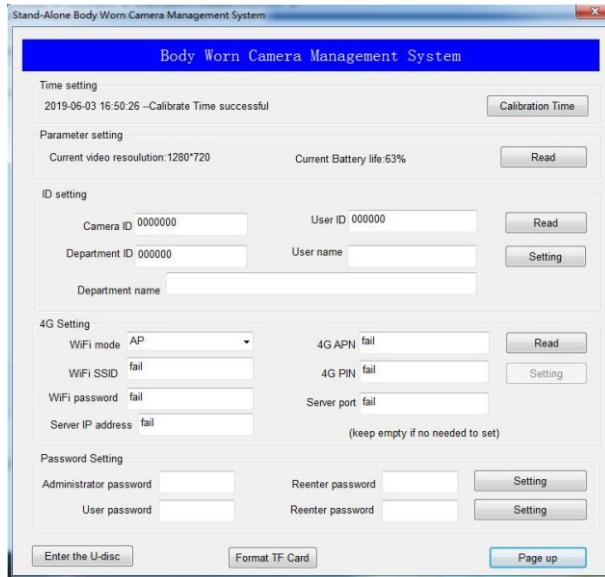
If user need to use WiFi STA mode, WiFi and server information should be configured first.

● Password Setting

User and administrator can revise camera password here, remember to click "setting" after revising. (In user mode, it can revise common user's login password only, but in administrator mode, it can revise the all passwords)

● Enter to U-disk mode

Click "enter to U-disk" , it will cut off the connection with management software and enter to U-disk, data's delete and transfer are allowed in this mode.



Driver installation instruction

1. Unzip Files

Unzip the Windows.rar to release the Windows7&Above and WindowsXP files.

2. Windows

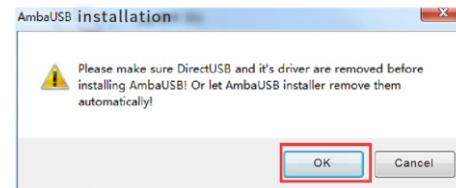
Open the Windows, you can see the Windows7&Above and WindowsXP files, the Windows7&Above file apply to the Windows7 &above systems installation, and WindowsXP files apply to the XP system installation. Please install the software according with your PC system.

3. Driver installation instruction

Installation instruction of 32bit Wind7 OS as below.

① Click it and enter, there are two files with win32b and win64 setups, please select the one according with your PC system.

② Click “AmbeUSB-win32-Qt5-Win7-3.4.8-Setup”, it pop-up a “AmbeUSB installation” window, click confirm button.



Cloud monitoring & Talkback

1. It can realize monitoring the device and communicating with device user. (For more informations, please reference "CMSV6 System User Manual" 4.5.9 Voice Communication)

2. It also can realize cluster talkback function on CMSV6 System.

③ It pop-up a window as below figure after click the confirm button, and click “next step”



④ Choose the install path, click “install” .



⑤ After this installation, it pop-up “Device driver installation oriented” , click “next step” , the installation procedure will be shown like below…



⑥ After finish the driver installation, it show a icon in your PC desktop as below figure.



Notes: if the PC equips with fire wall, please choose “allow this operation” Or in the pop-up windows, click “always allow install this driver software” to finish the installation.

User's Instructions

We provide 1 year's warranty and RMA service. In order to protect user's rights and avoid some unnecessary problems, please read details below:

1. Please send back warranty card with order number, model, and problem clearly together with returned products during RMA service.
2. Any man-made damage such as: water, moisture, improper use or damage by no authorized organization as well as exceed 1 year warranty, only paid service is available and no guarantee to fix it up.
3. Serious man-made damage (such as water or fall down), a repair contract is necessary to sign up.
4. Non man-made damage and still within 1 year's warranty, the camera can be changed, but not for the accessories.
5. As the product involves upgrading or improvement, the company reserves the right to change the specifications of the software and hardware described in this manual at any time without prior notice. The product specifications and information mentioned in this manual are for reference only, the actual delivered goods shall prevail.

Warranty Card

User Info

Day Month Year

Company name		Contact person	
Email& Tel		Shipping address	

WiFi Police Body Worn Camera Info.

Model	Product ID
Problem description	