Offline Body Camera MPT120

User's Manual



V1.0.0

Foreword

We sincerely appreciate your decision to purchase our company's recording device. Before you use it, we kindly ask you to carefully read this manual and keep it safe for future reference.

Please note that our company reserves the right for final interpretation of this manual.

This manual serves as a user guide for this product, providing a concise overview of its features, performance parameters, appearance and structure, instructions, and important considerations. It is intended to be a reference for all users, and we strongly encourage you to thoroughly review it prior to use.

If you encounter any issues with the product or have any questions regarding the information in this manual, please do not hesitate to contact our company. We also welcome your suggestions and feedback.

Safety Instructions

The following signal words might appear in the manual.

Signal Words	Meaning
 DANGER	Indicates a high potential hazard which, if not avoided, will result in death or serious injury.
 WARNING	Indicates a medium or low potential hazard which, if not avoided, could result in slight or moderate injury.
 CAUTION	Indicates a potential risk which, if not avoided, could result in property damage, data loss, reductions in performance, or unpredictable results.
 TIPS	Provides methods to help you solve a problem or save time.
 NOTE	Provides additional information as a supplement to the text.

Revision History

Version	Revision Content	Release Time
V1.0.0	First release.	September 2024

Privacy Protection Notice

As the device user or data controller, you might collect the personal data of others such as their face, fingerprints, and license plate number. You need to be in compliance with your local privacy protection laws and regulations to protect the legitimate rights and interests of other people by implementing measures which include but are not limited: Providing clear and visible identification to inform people of the existence of the surveillance area and provide required contact information.

About the Manual

- The manual is for reference only. Slight differences might be found between the manual and the product.
- We are not liable for losses incurred due to operating the product in ways that are not in compliance with the manual.
- The manual will be updated according to the latest laws and regulations of related jurisdictions. For detailed information, see the paper user's manual, use our CD-ROM, scan the QR code or visit our official website. The manual is for reference only. Slight differences might be found between the electronic version and the paper version.
- All designs and software are subject to change without prior written notice. Product updates might result in some differences appearing between the actual product and the manual. Please contact customer service for the latest program and supplementary documentation.
- There might be errors in the print or deviations in the description of the functions, operations and technical data. If there is any doubt or dispute, we reserve the right of final explanation.
- Upgrade the reader software or try other mainstream reader software if the manual (in PDF format) cannot be opened.
- All trademarks, registered trademarks and company names in the manual are properties of their respective owners.
- Please visit our website, contact the supplier or customer service if any problems occur while using the device.
- If there is any uncertainty or controversy, we reserve the right of final explanation.

Important Safeguards and Warnings



- Keep away from open flames.
- Avoid exposing the display screen and camera lens directly to sunlight.



- Electromagnetic waves of specific frequencies may affect the image quality.
- Before you start using this product, please make a test recording to familiarize yourself with its operation.
- If the product remains unused for a long time, please fully charge it before using it again and recharge the device at least once every three months.
- Do not disassemble or repair the machine when it malfunctions. Only authorized repair personnel are allowed to perform repairs.

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1 Introduction

Product Introduction

Offline Body Camera is a technological device specially developed and designed to meet the specific needs of law enforcement agencies. It is portable, wearable, and integrates audio and video recording capabilities for evidence collection.

The Camera enables digital documentation of on-site situations during law enforcement activities. It is characterized by its lightweight, small size, flexible and convenient wearing, as well as features such as waterproofing, shock resistance, and impact resistance. Additionally, it is equipped with infrared lights for clear image capture in nighttime conditions, facilitating law enforcement operations in low-light environments.

The Camera allows for on-site playback while ensuring the integrity and authenticity of recorded files, guaranteeing the impartiality and authority of the captured information. Furthermore, it provides valuable on-site visual evidence for case command, investigation, and examination agencies, aiding in the process of evidence collection.

Function Introduction

- The product adopts high-quality chips, delivering superior performance and stability in functionality.
- The button design is user-friendly, with a front-facing recording button ensuring quick activation of audio and video recording.
- The product is tightly waterproofed, making it suitable for outdoor use even in rainy or snowy conditions.
- It supports automatic and manual infrared functions.
- It supports voice prompt function.
- It supports video pre-recording, video prolong recording, and other functions.
- It supports watermarking, including time, device ID, and officer ID, enhancing the legal value of the recordings.
- It supports loop recording.
- It supports password protection, allowing users to set a password to prevent the deletion of videos.



This manual is for reference only, and might differ from the actual product.

2 Functional Buttons

2.1 Overview

Figure 2-1 Device front



Table 2-1 Button description

Button	Description
1	White light
2	IR light
3	Main camera
4	Start video/Stop video

Figure 2-2 Device back



Table 2-2 Button description

Button	Description
1	Charging indicator
2	Speaker
3	Power-on indicator light
4	Display
5	Back
6	Down/Zoom-out
7	Up/Zoom in
8	Menu/Confirmation

Figure 2-3 Device side (1)

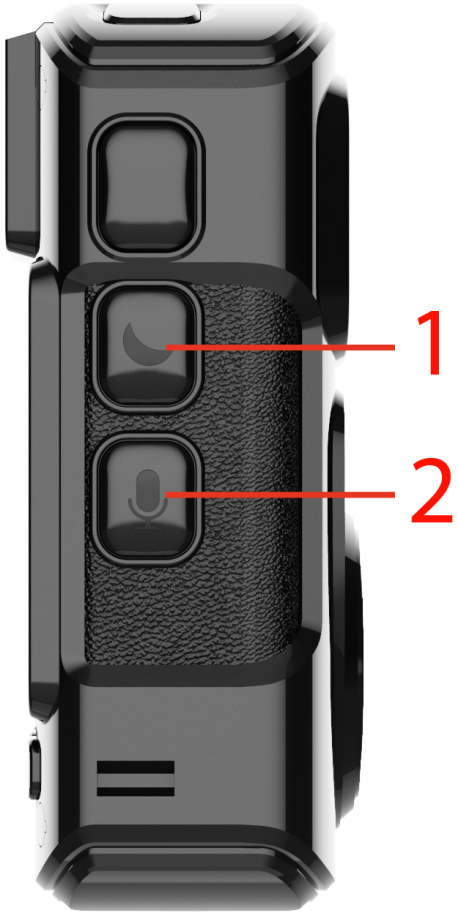


Table 2-3 Button description

Button	Description
1	IR night vision/White light
2	Recording

Figure 2-4 Device side (2)

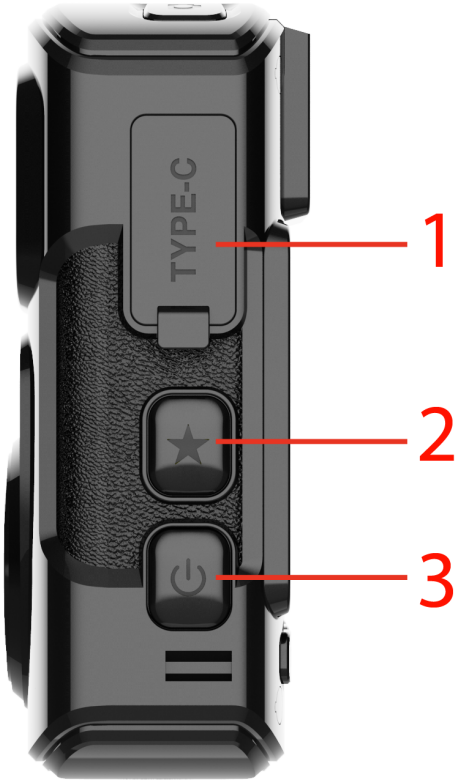


Table 2-4 Button description

Button	Description
1	Type-C port
2	Key mark
3	Power on/off

Figure 2-5 Device bottom

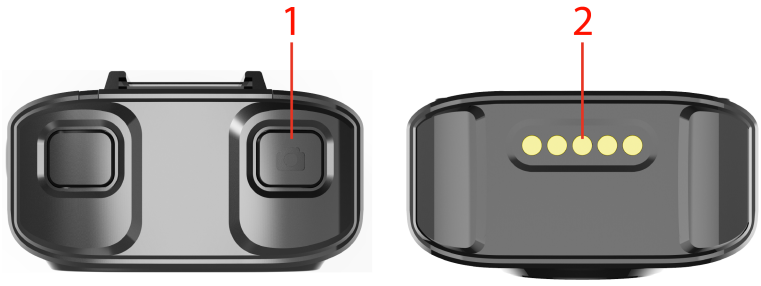


Table 2-5 Button description

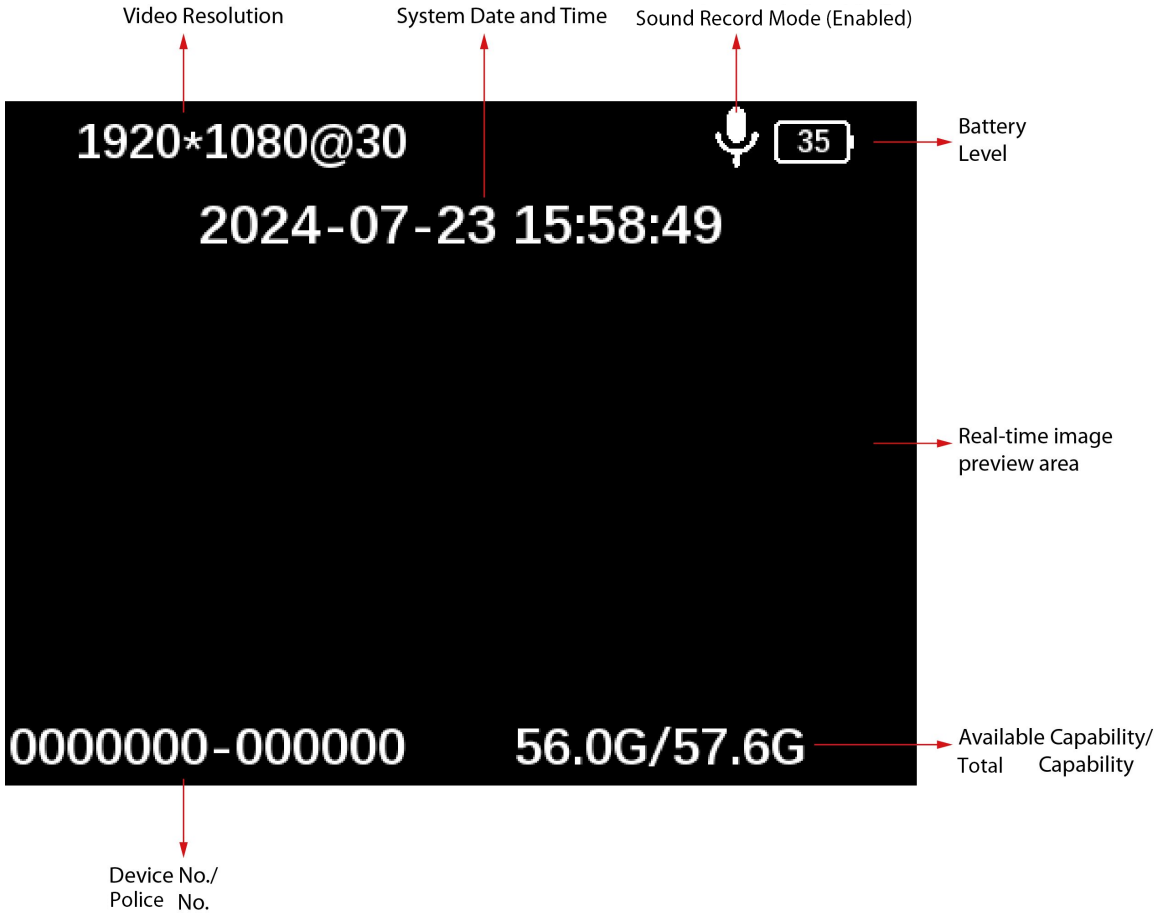
Button	Description
1	Capture with a touch
2	Base docking

2.2 Button Description

Power on/off

When the power is off, press and hold for 3 seconds to start the device and enter the standby state. In any state, long press for 3 seconds to directly shut down. In the power-on state, press once to turn on/off the screensaver.

Figure 2-6 Main page



Power Supply

Press to turn on the screen, long press to turn off (with audio prompt), in the power-off state, long press for 3 seconds to turn on (with audio prompt) and enter the live view window.

Infrared Night Vision Button/White Light

Press to activate the infrared night vision mode, press and hold to turn on the white light, and long press again to turn off the white light.

Capture

Press the capture button in the live view window to take one photo. In video recording mode, pressing the capture button will capture a photo of the recorded scene and save it. The screen can be lit up when it is idle.

Sound Record

Press in the live view window to start/stop sound recording. The screen can be lit up when it is idle.

Key Mark

Pressing this key in video recording mode will mark this file as an important file. It also supports key marking in sound recording mode.

Video Record

In standby mode, short press the video recording button to start video record and then short press again to stop record and save the recording file.

Menu Settings/Confirmation M

In standby mode, short press the menu button to enter the menu settings interface after entering the password. The default password is "000000". Use the up/down buttons to select the option that needs to be modified, then press the menu button again to confirm the selection. Press the back button to return to the previous interface.

Underneath the menu settings button, and with the screen blacked out, it is not possible to start sound record, video record or capturing.

Up/Down ▼/▲

In menu settings or file browsing, you can use the up/down buttons to choose options. After taking a photo in the preview interface, long press the up/down buttons for 3 seconds to zoom in/out the preview screen.

Back

Short press the back button to go back to the previous operation or open to view saved video files, image files, and recording files.

3 Basic Operation

Video Playback

In standby mode, press ↩ to enter the file page, select **Video**, then press ▼/▲ to select the video file you want to view, and then press **M** to view the video file.

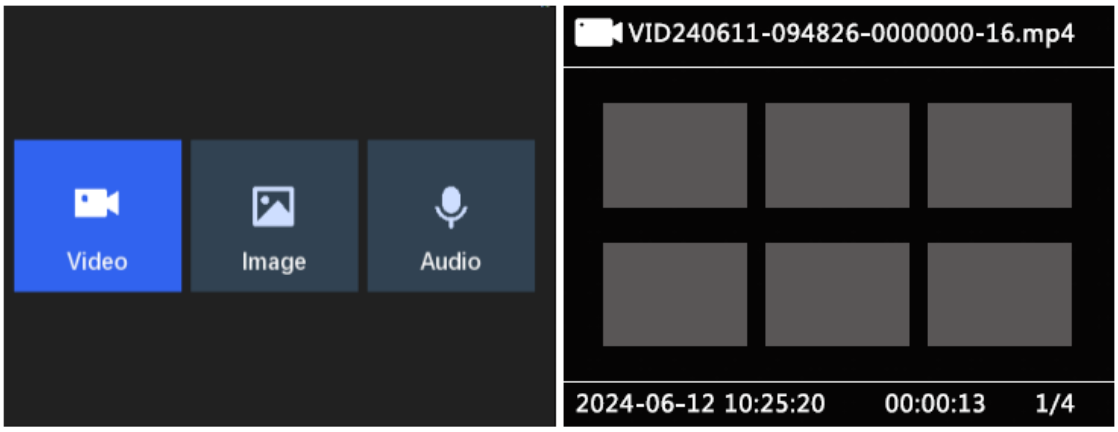
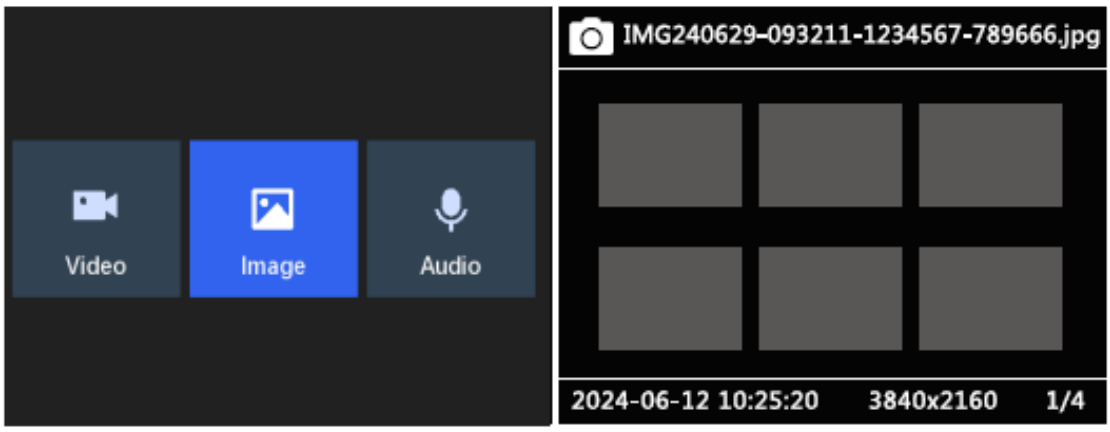


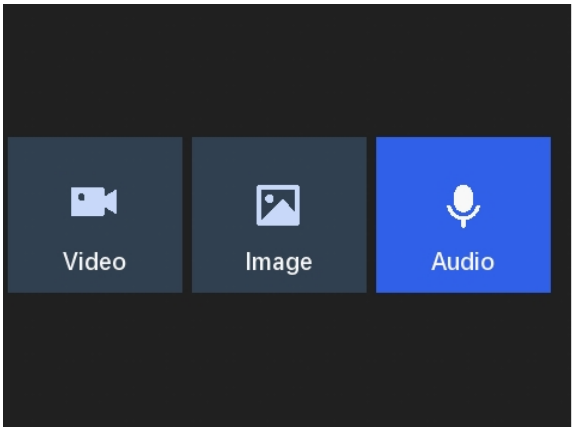
Image Playback

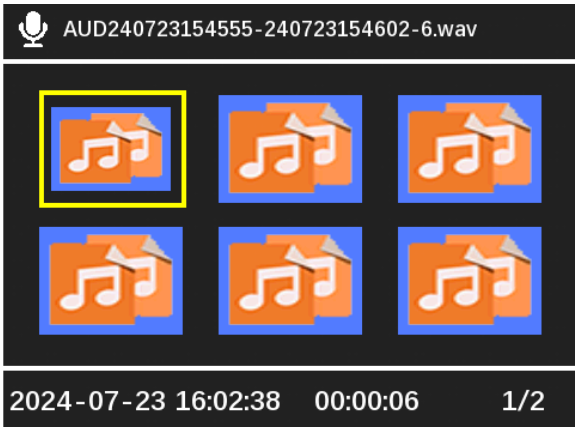
In standby mode, press ↩ to enter the file page, select **Image**, then press ▼/▲ to select the image file you want to view, and then press **M** to view the image file.



Audio Playback

In standby mode, press ↩ to enter the file page, select **Audio**, then press ▼/▲ to select the audio file you want to view, and then press **M** to view the audio file.


Video
Image
Audio

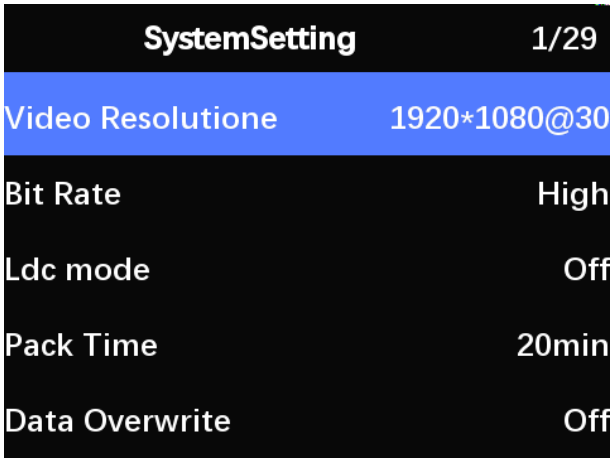

AUD240723154555-240723154602-6.wav
2024-07-23 16:02:38
00:00:06
1/2

4 Menu Parameter Settings

The menu comes with default settings. If you wish to modify these settings, press M when in standby mode to access the menu settings interface. Press ▼/▲ to go to the desired item and press M to enter the modification options. Press ▼/▲ to select the parameters, and once you have made your selection, press M to confirm. Press ⮌ to return to the previous menu level.

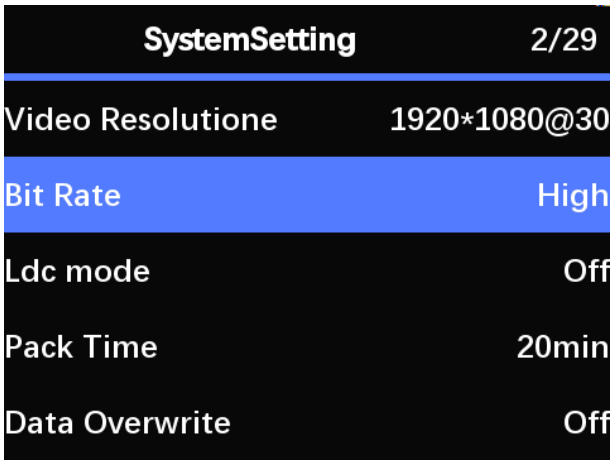
Video Resolutione

The video resolution options are **3840*2160@30** , **2560*1440@30**, **2304*1296@30**, **1920*1080@30**, **1280*720@30**, and **1280*720@15**. The higher the resolution, the larger the file size, and the shorter the recording time with the same memory and battery capacity. The default video resolutione is **1920*1080@30**.



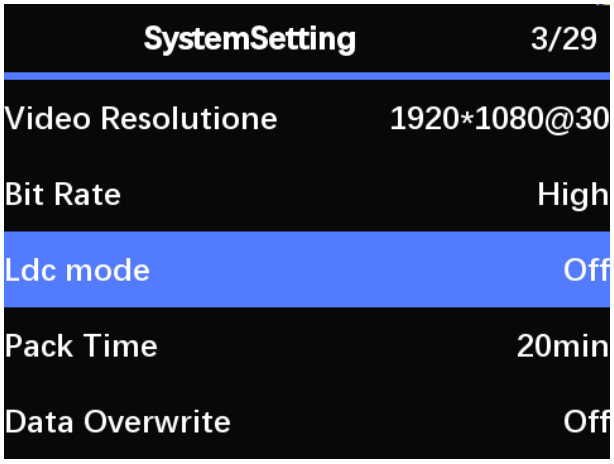
Bit Rate

There are 3 options for bit rate: **Low** , **Middle**, and **High**. The default bit rate is **High**.



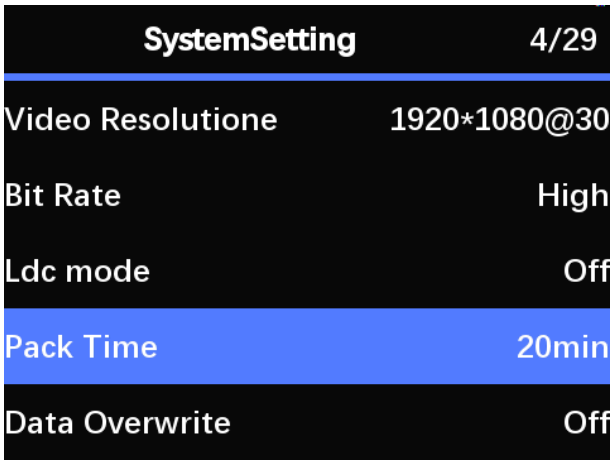
Ldc Mode

There are 3 options for Ldc mode: **Equal Proportion** , **Full Perspective** and **Off**. The default Ldc mode is **Off**.



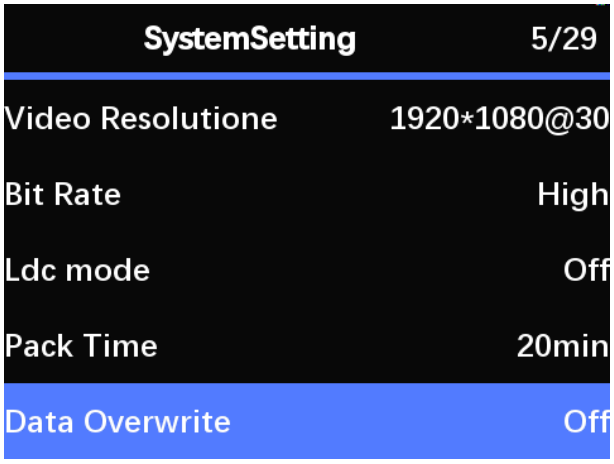
Pack Time

There are 6 options for pack time: **5min** , **10min**, **15min**, **20min**, **25min** and **30min**. The default pack time is **20min**.



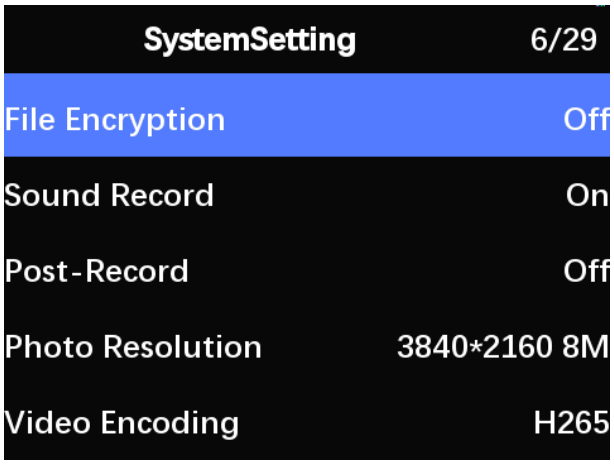
Data Overwrite

Data overwrite has 2 options: **On** and **Off**. When the device prompts that the memory is full during recording and cannot continue storing the footage, turning on the data overwrite will automatically delete the earliest recorded segments. The default data overwrite is **Off**.



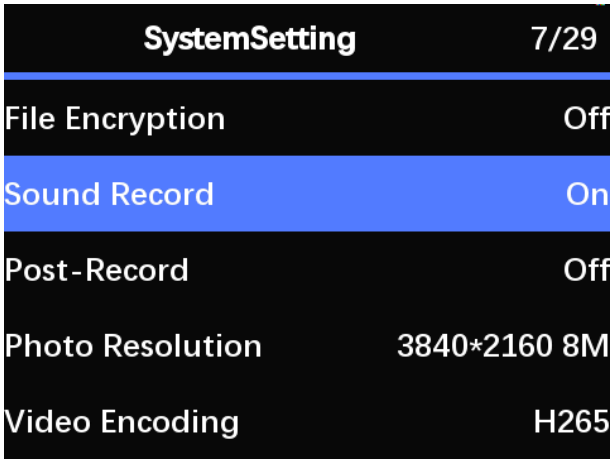
File Encryption

File encryption has 2 options: **On** and **Off**. When file encryption is turned on, recorded videos, captured photos, and recorded audio files can be encrypted. The default file encryption is **Off**, and once it is turned off, encrypted files cannot be played back.



Sound Record

Sound record has 2 options: **On** and **Off**. When sound record is turned off, the device does not record sound only during the video recording process. The default setting for sound record is **On**.



Post-Record

Post-record has 5 options: **Off** , **1min**, **2min**, **3min**, and **5 min**. When the **1min** option is selected, pressing during recording will extend the recording time by an additional 1 minute.

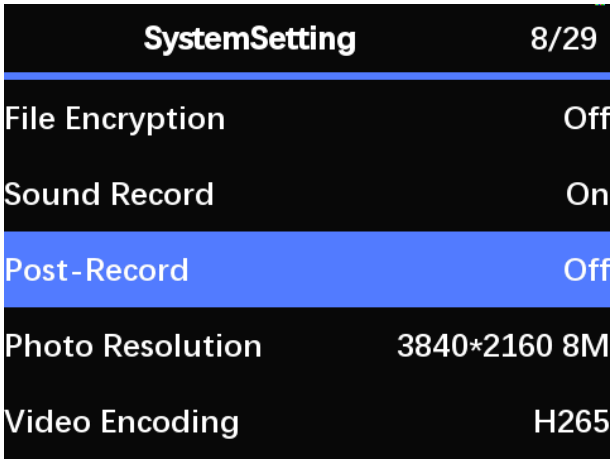
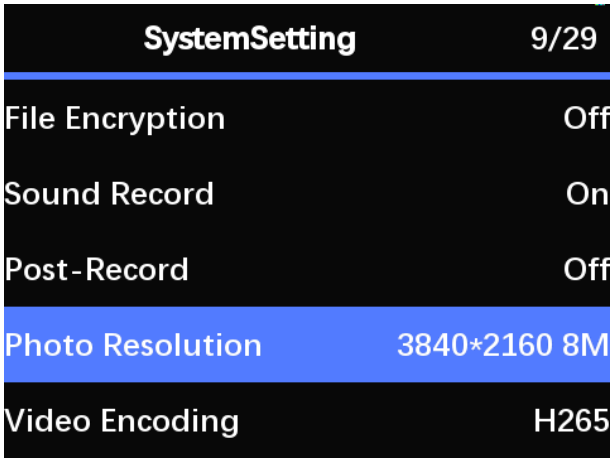


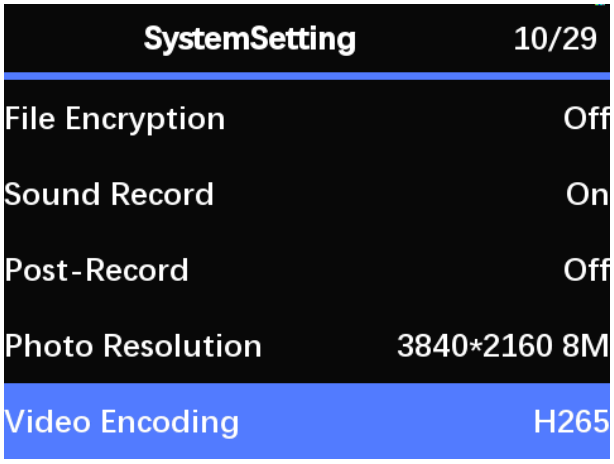
Photo Resolution

The photo resolution has 6 options: **8000*4500 36M** , **7680*4320 32M**, **6784*3816 26M**, **5952*3348 20M**, **4976*2799 14M**,and **3840*2160 8M**. The default photo resolution is **3840*2160 8M**.



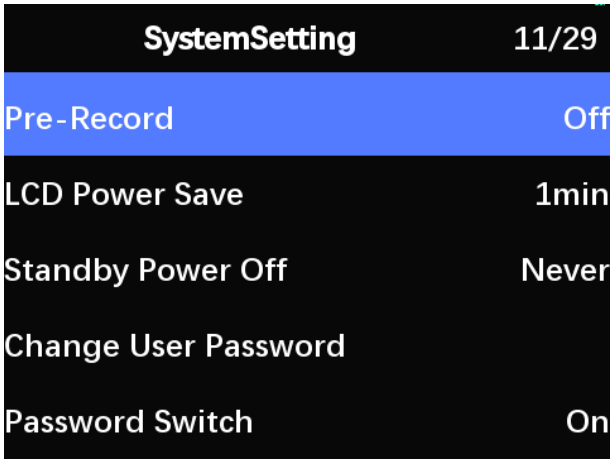
Video Encoding

The video encoding has 2 options: **H264** and **H265**. The default video encoding is **H265**.



Pre-Record

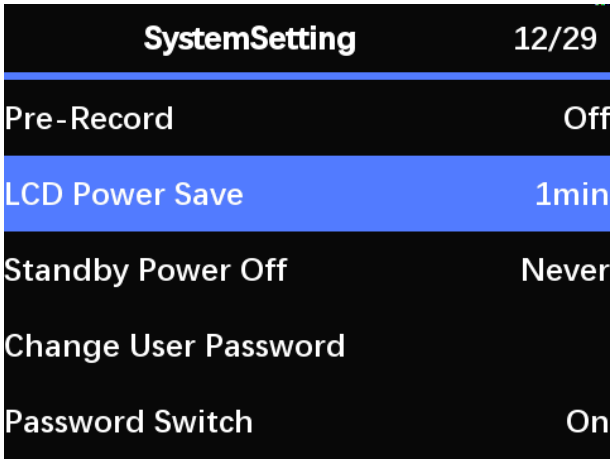
Pre-Record has 5 options: **Off** , **30 sec**, **60 sec**, and **90 sec**, **120 sec**. Pre-Record is the ability to capture and save the footage from a period of time before is pressed after the device is powered on. This feature applies to all resolutions and the default setting is **Off**.



LCD Power Save

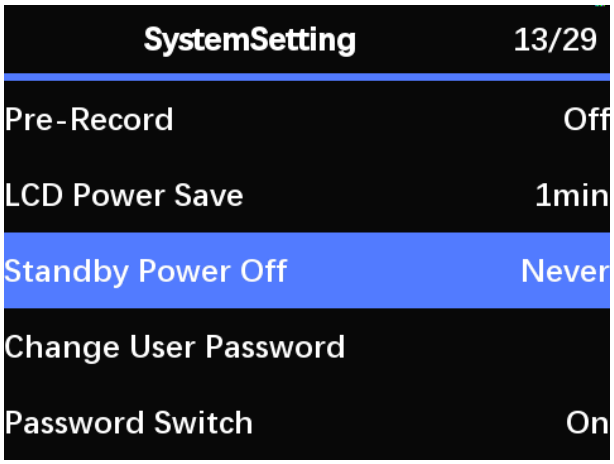
The LCD power save has 3 options: **Close** , **1min** and **3min**. The default LCD power save is **1min**.

This is automatic screen shutdown time, and setting it to 1min is the power saving mode.



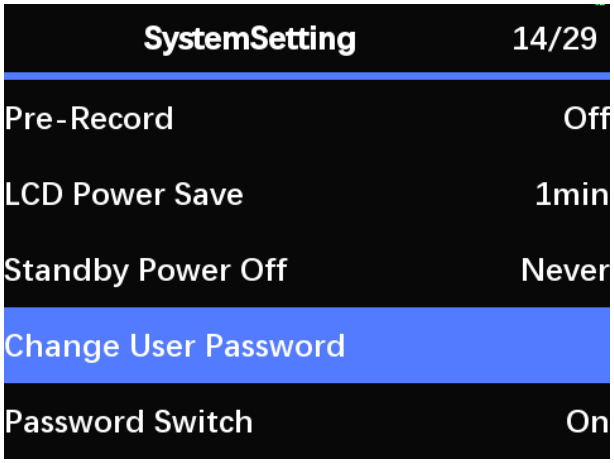
Standby Power Off

The standby power off has 4 options: **Never** , **30 sec**, **1min** and **5min**. The default standby power off is **Never**.



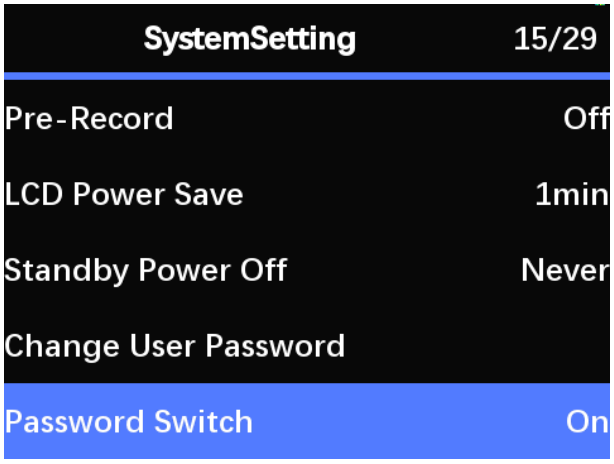
Change User Password

To change the password, you need to enter the original password before you can set a new one. The default password is **000000**.



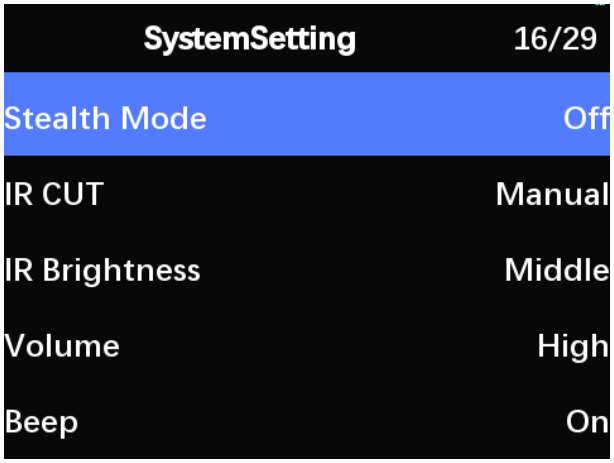
Password Switch

The password switch has 2 options: **On** and **Off**. After clicking **Password Switch**, you need to enter the device password to proceed with the settings. The default password is **000000**.



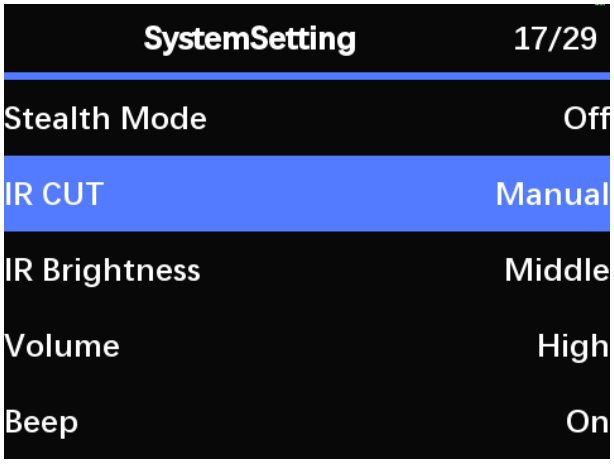
Stealth Mode

The stealth mode has 2 options: **On** and **Off**. The default stealth mode is **Off**.



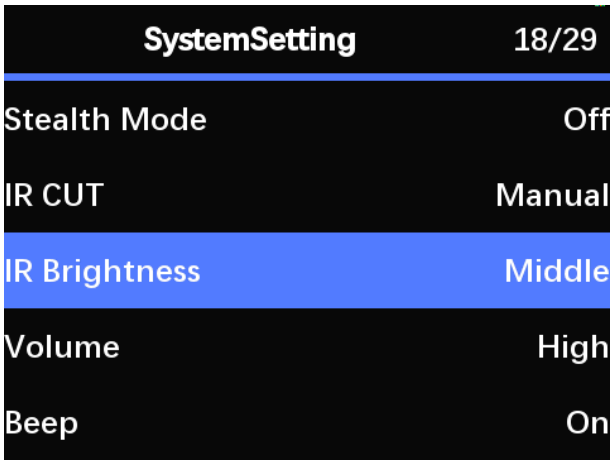
IR CUT

The IR CUT has 2 options: **Manual** and **Auto**. When set to **Manual** mode, a short press of the light button will turn on the infrared light. When set to **Auto** mode, the ambient light sensor automatically adjusts to the brightness of the surroundings. In low light conditions, it will automatically switch to the infrared mode, causing the image to appear in black and white. The default setting is **Manual**.



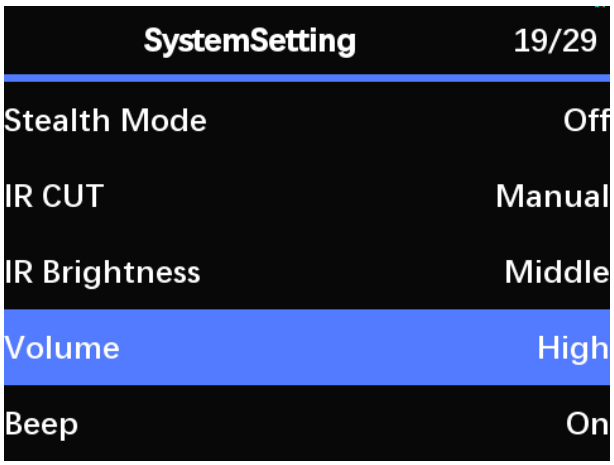
IR Brightness

There are 3 options for IR brightness: **High**, **Middle**, and **Low**. The default IR brightness is set to **Middle**.



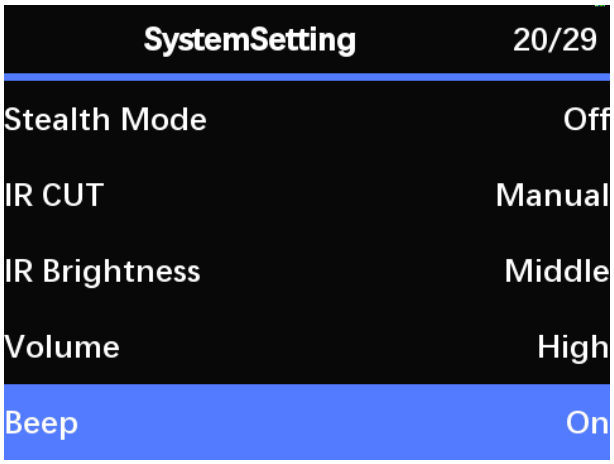
Volume

The volume has 4 options: **Off** , **Low**, **Middle** and **High**. The default volume is **High**.



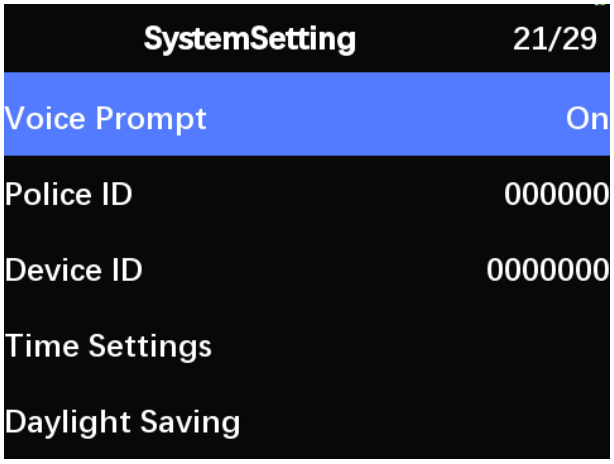
Beep

The beep has 2 options: **On** and **Off**. The default beep is **On**.



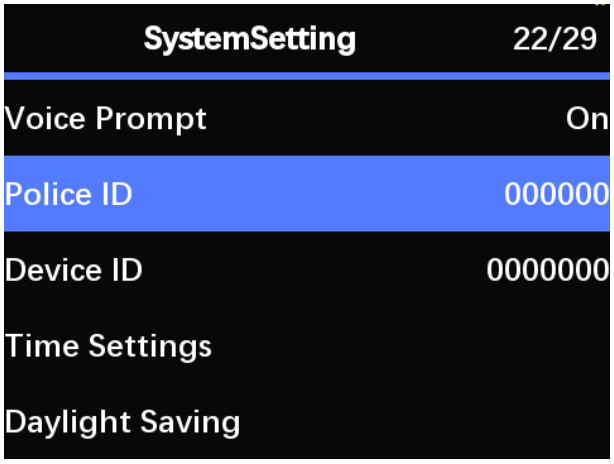
Voice Prompt

The voice prompt has 2 options: **On** and **Off**. The default voice prompt is **On**.



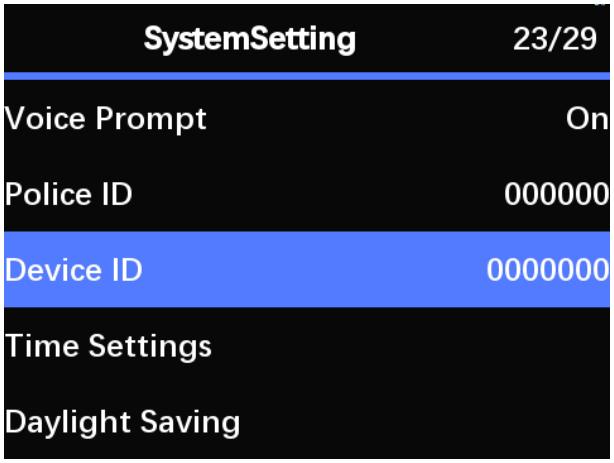
Police ID

To enter the police ID page, you need to enter a password to access the editing function.



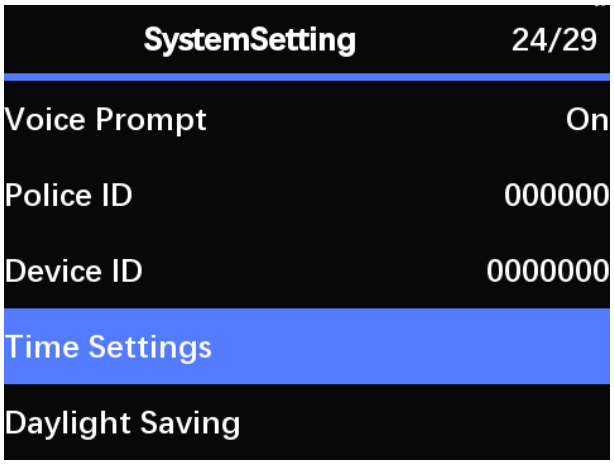
Device ID

To enter the device ID page, you need to enter a password to access the editing function.



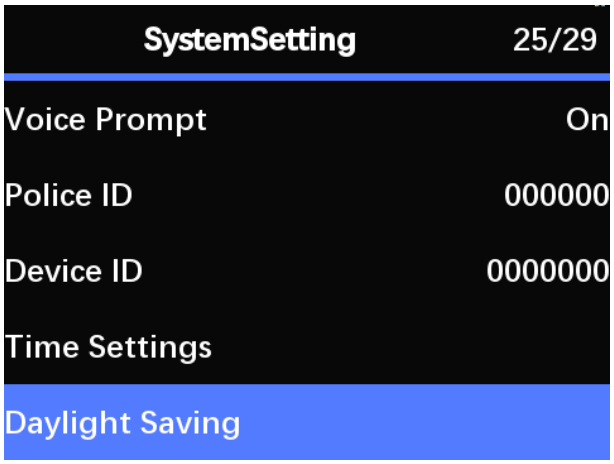
Time Settings

Click **Time Settings** to configure the time.



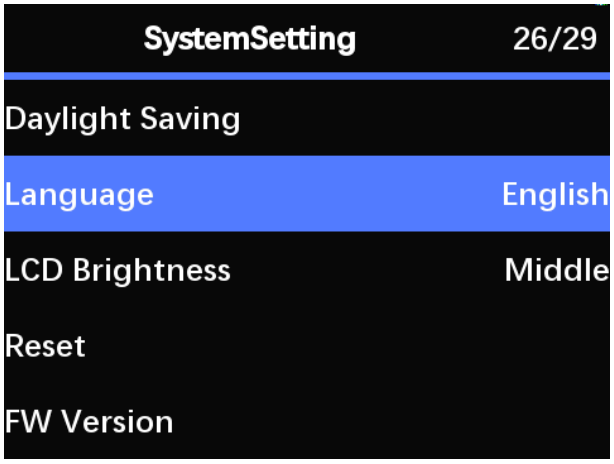
Daylight Saving

Click **Daylight Saving** to set the start and end dates.



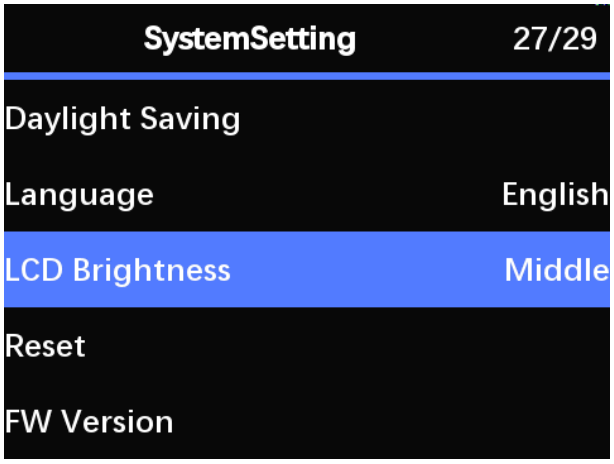
Language

The language has 2 options: **Chinese (Simplified)** and **English**. The default language is **English**.



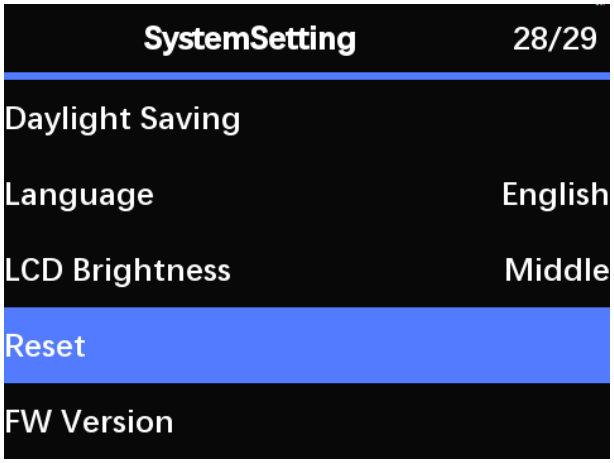
LCD Brightness

There are 3 options for screen brightness: **High** , **Middle**, and **Low**. The default LCD brightness is set to **Middle**.



Reset

To restore to factory settings, you need to enter the password first before resetting.



FW Version

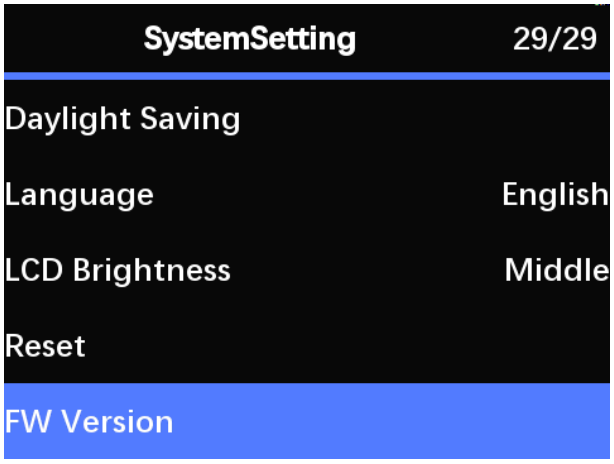
FW Version: xx.xxx.xxxxxxx.x.x

FW Date: xxxx-xx-xx

Police ID: xxxxxx

Device ID: xxxxxxx

(*Subject to actual settings)


SystemSetting
29/29
Daylight Saving
Language
English
LCD Brightness
Middle
Reset
FW Version

5 Troubleshooting

Symptom	Diagnosis	Troubleshooting
Unable to power on the host	Battery drained	Fully charged in four hours
	Host protection	Press reset button to power on again
Short runtime of the host	Insufficient charging	Fully charged in over four hours
Data interruption during data copy to computer	Insufficient power supply from the front panel USB interface of the computer	Connect the data cable to the computer's back panel USB interface
	Issue with the data cable	Switch the data cable

Our company is continuously improving and innovating our products. If you find any discrepancies in the details, please refer to the actual product or contact customer service.

6 Packing List

Please open the packaging of the audio and video recorder with caution and carefully check the accessories according to the table below. We recommend that you keep the packaging.

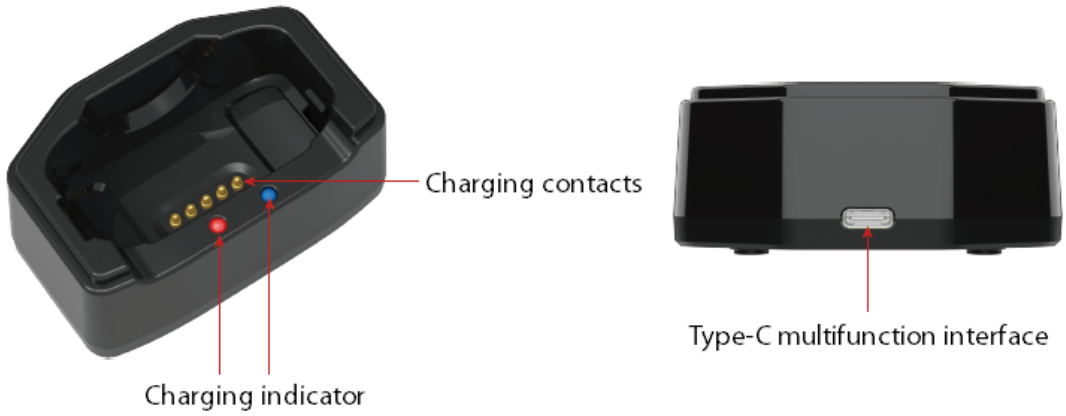
Number	Name	Quantity
1	Offline Body Camera	1
2	Alligator clip	1
3	Power adapter	1
4	Charging dock	1
5	Data cable	1
6	User's manual	1

Appendix 1 Accessory Introduction

Background Information

Charging Dock

When the adapter is connected to the docking station, the status indicator light remains solid red. When a device is connected to the docking station, the status indicator light remains solid blue. The blue light turns off when the device is fully charged.



Name	Parameter
Size	73.5 × 48.25 × 31 mm
Weight	43 g
Input	5V2A
Output	5V1A

Alligator Clip



Appendix Table 1-2Clip parameters description

Name	Parameter
Size	60.92 × 26.5 mm
Weight	18 g

Appendix 2 Station Connection

Procedure

Step 1 Turn on the station and body camera.

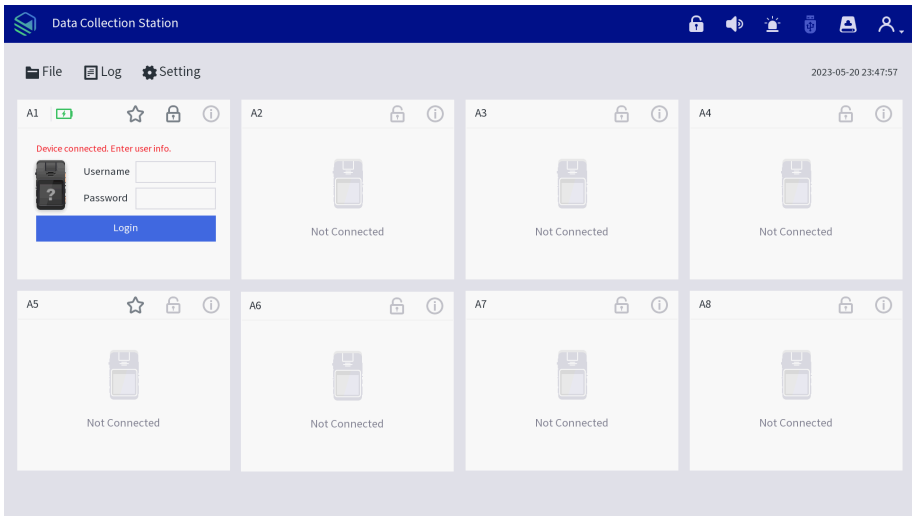
Step 2 Connect the station with the body camera.

Step 3 Log in the station.

Step 4 Enter the username and password, and then click **Login**.

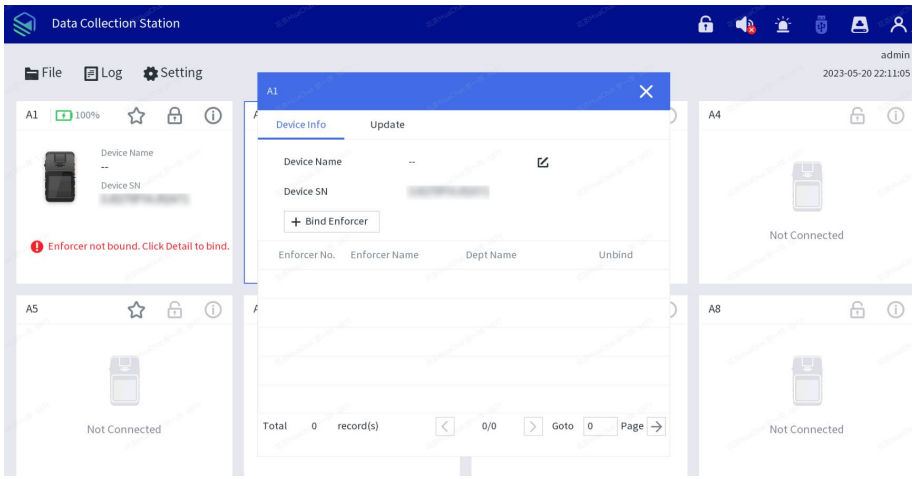
The default username is: 0; default password is: 000000.

Appendix Figure 2-3 Login the body camera



Step 5 Click , and then click **Bind Enforcer** in the **Device Info** tab.

Appendix Figure 2-4 Bind enforcer



Step 6 Select the enforcer, and then click **OK**.

Appendix 3 Updating on MPT Manager

Procedure

Step 1 Install MPT Manager.

Follow the system prompts and click **Next** until the installation is complete. After that, a shortcut icon for MPT Manager will be displayed on your computer desktop.

Step 2 Start the Device, and then connect it to your computer through USB cable.

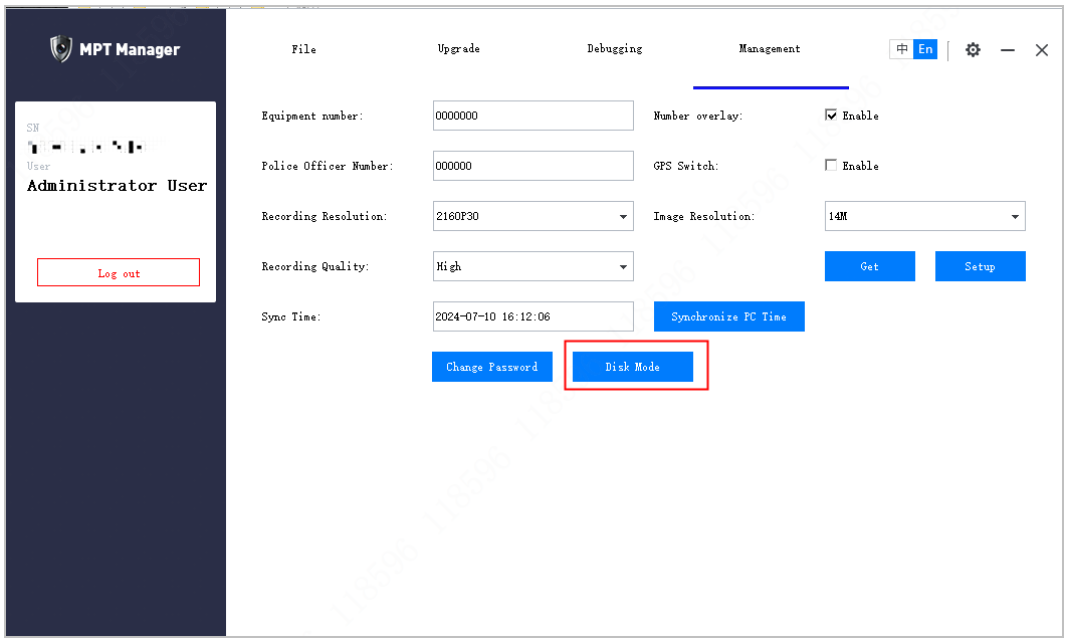
Step 3 Double-click MPTMan... on the desktop, click **Log in** to enter device password, and then click **OK**.

Multiple device connections simultaneously are not supported.

Step 4 Click **Management** to enter the management page, click **Disk Mode** to modify the Device's connection mode, and then click **OK**.

When switched to disk mode, the Device will be disconnected from your computer and a reboot is required to exit this mode.

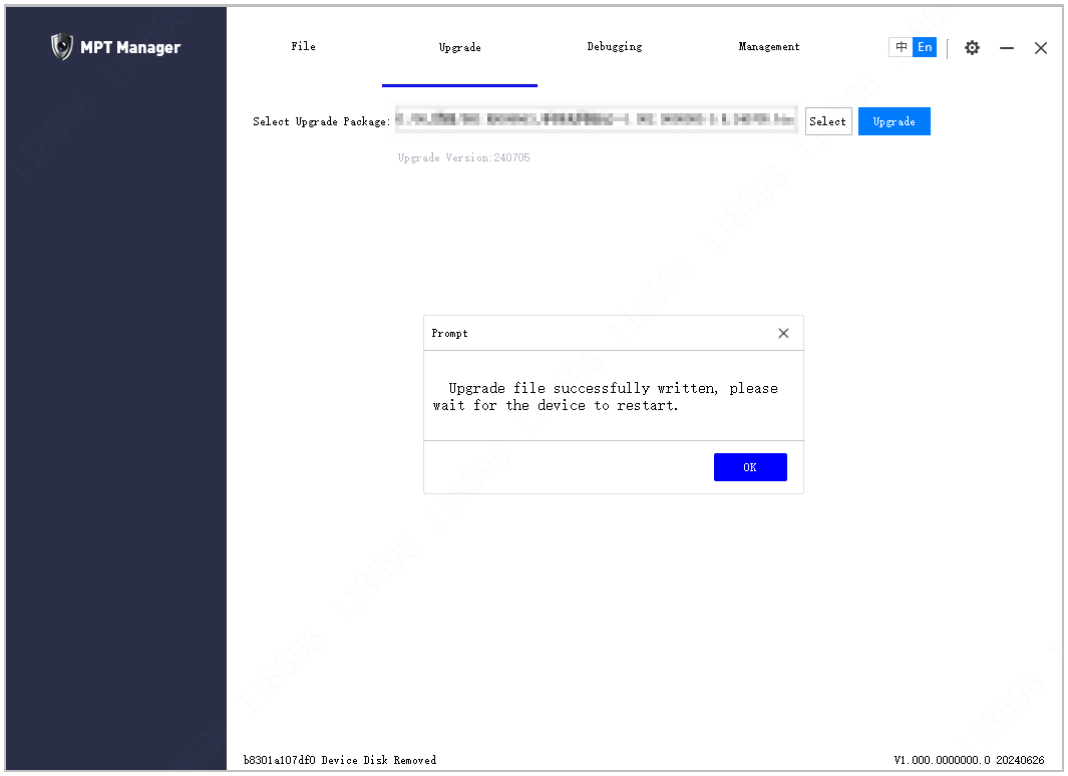
Appendix Figure 3-3 Configure the disk mode



Step 5 Click **Upgrade** to enter the upgrade page, click **Select** to browse and select the updating files, and then click the icon of **Upgrade** beside **Select**.

The push progress becomes 100% when the update package is successfully pushed to the Device.

Appendix Figure 3-4 Upgrade



Appendix 4 Security Recommendation

Account Management

Change passwords periodically

It is recommended to periodically change the device password to reduce the risk of being guessed or cracked.

Software Security

1. **Update firmware in time**

   According to the industry standard operating specifications, the firmware of devices needs to be updated to the latest version in time in order to ensure that the device has the latest functions and security.
2. **Update client software in time**

   It is recommended to download and use the latest client software.

Physical Protection

It is recommended that you carry out physical protection for devices (especially storage devices), such as placing the device in a dedicated machine room and cabinet, and having access control and key management in place to prevent unauthorized personnel from damaging hardware and other peripheral equipment (e.g. USB flash disk, serial port).