HIKVISION

Body Camera Assistant

User Manual

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Symbol Conventions

The symbols that may be found in this document are defined as follows.

Symbol	Description		
<u> </u>	Indicates a hazardous situation which, if not avoided, will or could result in death or serious injury.		
Caution	Indicates a potentially hazardous situation which, if not avoided, could result in equipment damage, data loss, performance degradation, or unexpected results.		
i Note	Provides additional information to emphasize or supplement important points of the main text.		

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Chapter 1 Introduction

1.1 Product Introduction

You can configure parameters and back up data of portable devices such as body camera and helmet camera via Body Camera Assistant.

iNote

- Hereinafter Body Camera Assistant is referred to as "software", and portable device such as body camera and helmet camera are referred to as "device".
- The supported functions and software interfaces vary with different connected devices. The actual device prevails.

1.2 Software Environment

You are recommended to use the software on the computer with Windows 7/10/11 system, and keep the default parameters for the display.

1.3 Software Applicable Products Description

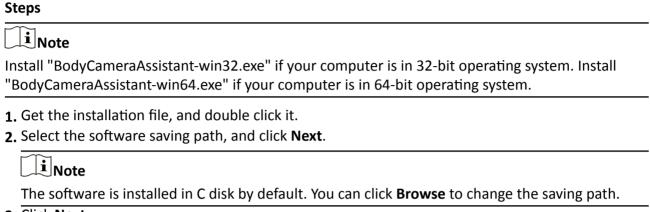
- This manual is only applicable to the body cameras and nameplate cameras of which the software version is higher than V2.6.0 (included), and the helmet cameras of which the software version is higher than V2.8.0 (included).
- For the body cameras and nameplate cameras of which the software version is lower than V2.6.0, and the helmet cameras of which the software version is lower than V2.8.0, when they are accessed to the software, the interfaces are different from those described in this manual.
 Scan the QR code below to get the user manual of the old version Body Camera Assistant software for the configuration of these devices.



Figure 1-1 Old Version Body Camera Assistant User Manual QR Code

Chapter 2 Installation

Install the software according to the operating system of your computer. Contact the technical support for the software.



- 3. Click Next.
- 4. Check Create a desktop icon according to your needs, and click Next.
- 5. Click Install.
- 6. Click Next to install the software drive.
- 7. Click Finish.
- 8. Click Finish to run the software.

Chapter 3 Activation

If the connected device is inactive, you need to activate it first before configuration. The software supports activation one by one and in batch.

3.1 Activate One by One

You can activate the connected inactive devices one by one.

Before You Start

- · Turn on the connected device.
- Connect the device to the computer installed with the software via a USB cable.

Steps

1. Run the software, and click Recognize.

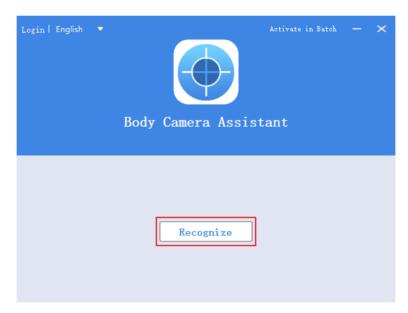


Figure 3-1 Recognize Device

- 2. Select a recognized device.
- **3.** Enter **Activation** interface. Set the admin password and Wi-Fi hotspot password, and confirm the passwords.

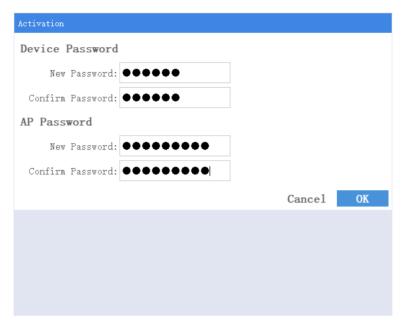


Figure 3-2 Activate One by One



- The admin password should be 6 digits. You can use duplicate digits for the admin password.
- The Wi-Fi hotspot function is only available for the device supporting the function. You can keep the password empty, and then the device Wi-Fi hotspot password is empty, that is an open hotspot. You can connect to it directly without entering the password. Or you can set a new password. The new password should be 8 to 31 characters without some special characters or spaces, and different from the initial Wi-Fi hotspot password (abcd1234).
- 4. Click OK to activate the device.

What to do next

After activation, log in to the device for further configuration. Refer to **Login** for details.

3.2 Activate in Batch

If you need to activate multiple devices, and set the same admin password and Wi-Fi hotspot password for them, you can activate them in batch.

Before You Start

- Turn on the connected devices.
- Connect the devices to the computer installed with the software via USB cables.

Steps

1. Run the software, and click **Activate in Batch** on the upper right corner of the interface.

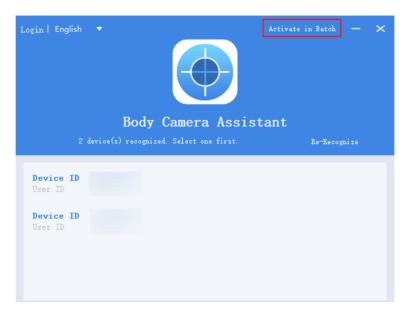


Figure 3-3 Entrance for Activation in Batch

2. Enter **Activation** interface. Set the admin password and Wi-Fi hotspot password, and confirm the passwords.



- The admin password should be 6 digits. You can use duplicate digits for the admin password.
- The Wi-Fi hotspot function is only available for the device supporting the function. You can keep the password empty, and then the device Wi-Fi hotspot password is empty, that is an open hotspot. You can connect to it directly without entering the password. Or you can set a new password. The new password should be 8 to 31 characters without some special characters or spaces, and different from the initial Wi-Fi hotspot password (abcd1234).
- **3.** Click **Recognize**, and the recognized devices will be activated in batch. You can view the activation status, person No., and device No. of the devices.

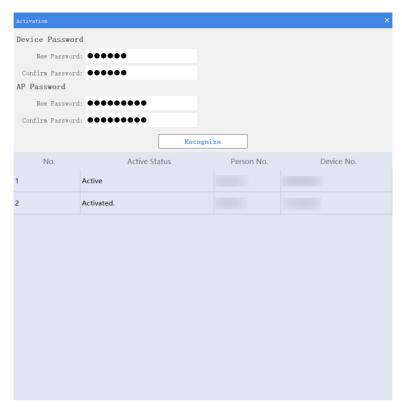


Figure 3-4 Activate in Batch

4. After successful activation, click \times to exit from the activation.

What to do next

After activation, log in to the device for further configuration. Refer to *Login* for details.

Chapter 4 Login and Logout

4.1 Login

After activation, log in to the device for further configuration.

Before You Start

- Turn on the connected device.
- Connect the device to the computer installed with the software via a USB cable.

Steps

1. Run the software, and click Recognize.

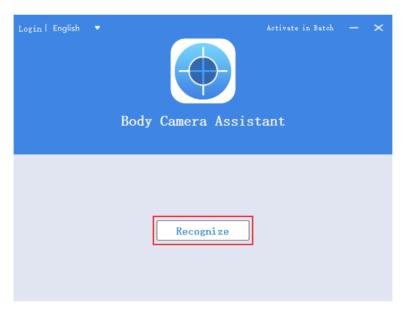


Figure 4-1 Recognize Device

- 2. Select a recognized device.
- 3. Enter the admin password.

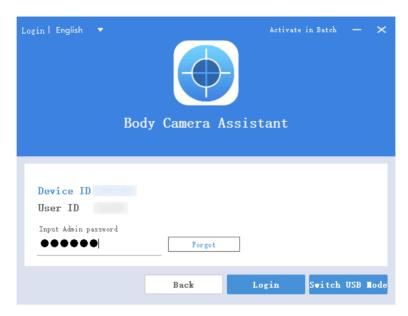


Figure 4-2 Login



If the password set when activation is not changed, the admin password is the activation password. If the admin password has been changed after activation, the admin password is the changed one.

- 4. Click Login.
- **5. Optional:** You can do the following operations on the login interface.

Forgot Password

If you forgot the admin password, you can follow the steps below to verify.

- a. Click Forgot.
- b. Click **Export File** to export "DeviceKey.xml" file to the computer.
- c. Send the exported file to the manufacturer to get the encryption file "Encrypt.xml" and save it to the computer.
- d. Click to select the encryption file from the computer.
- e. Click **Verify Encryption** to complete the verification. Then the old password will be cleared and the device needs to be activated again.

Back

Click **Back** to go back to the device recognition interface.

Switch USB Mode

Enter the admin password of the device and click **Switch USB Mode**. Click **OK** on the popup window to switch the device as a USB flash drive quickly. The software will exit automatically and the processing operations will be terminated.

Switch Language

Click on the upper left corner of the interface to switch the language.

Result

After login, you will enter the main menu and you can do the further configuration.

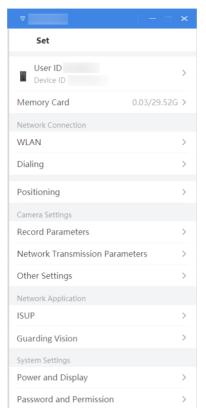


Figure 4-3 Device Configuration Main Menu

Note

If you exit the device from the software and then reconnect the device to the computer, you will enter the interface as shown below. Enter the user name and password to log in to the device again. The user name is admin, and the password is the admin password.

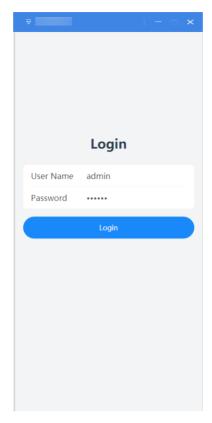


Figure 4-4 Login After Exiting and Reconnection

4.2 Logout

After device configuration via the software, you can exit or switch to the other device to log in.

Steps

- **1.** Click **■** on the main menu.
- 2. Click Exit to log out of the current device.
- **3. Optional:** Click **Switch Device** to return to the login interface. You can recognize other device and log in.

Chapter 5 Storage Management

5.1 View Recorded Video

You can download the video files recorded by the device to the computer and view the videos.

Before You Start

Videos have been recorded via the device.

Steps

- 1. Click Record on the main menu.
- 2. Select the date to view the recorded videos.



The grey date means there is no recorded video on that day. The selectable date means there is recorded video on that day.

Result: The recorded video file(s) on the selected date will be listed below. Click **Collapse** after **File Calendar** to expand the file list.



Figure 5-1 View Recorded Video

3. Click the video file or click \downarrow to download it to the computer. The downloaded file will be marked with \checkmark .

What to do next

Play the downloaded videos on the computer.

- If you have set the video format as **PS**, you can only play the backed up video files via Hikvision player or other players with Hikvision play plugin. Visit Hikvision official website to download VSPlayer and install it. Or visit Hikvision official website to download MFPlugin and install it.
- If you have set the video format as MP4, you can play the backed up video files via the Windows
 player or Hikvision player. For Hikvision player, visit Hikvision official website to download
 VSPlayer and install it.

5.2 Format Storage Media

When the storage media is full, you can format it to clear the data.

Steps



Back up the files in the storage media first to avoid data loss.

1. Click Memory Card on the main menu.

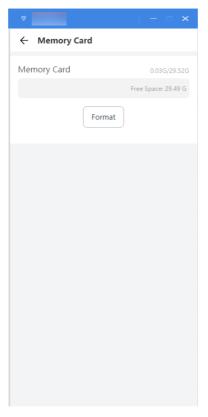


Figure 5-2 Format Storage Media

- 2. View the free space of the device.
- 3. Click Format.
- **4.** Enter the admin password, and Click **Format**.

iNote

If the password set when activation is not changed, the admin password is the activation password. If the admin password has been changed after activation, the admin password is the changed one.

Chapter 6 Network Connection

6.1 Connect to Wi-Fi

Set Wi-Fi parameters if you want to connect the device to the network via Wi-Fi.

Steps



Wi-Fi cannot be enabled with dial-up or hotspot at the same time.

- 1. Click WLAN on the main menu.
- 2. Enable WLAN.

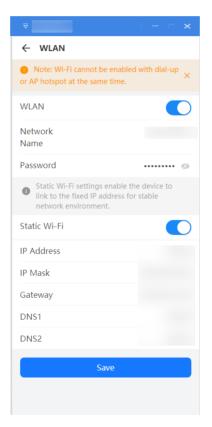


Figure 6-1 Connect to Wi-Fi

- 3. Enter Network Name and Password of the Wi-Fi to be connected.
- **4. Optional:** Set static Wi-Fi to enable the device to link to the fixed IP address for stable network environment.
 - 1) Enable Static Wi-Fi.
 - 2) Set the IP address, IP mask, and other parameters.
- 5. Click Save.

What to do next

Reboot the device to take the settings into effect. After reboot, the device will connect to the set Wi-Fi automatically.

6.2 Set Wi-Fi Hotspot

You can enable the device Wi-Fi hotspot, and edit the hotspot name and password.

Steps



- The function is only available for the device supporting Wi-Fi hotspot. The connected device prevails.
- Wi-Fi hotspot cannot be enabled with dial-up or Wi-Fi at the same time.
- 1. Click Personal Hotspot on the main menu.
- 2. Enable AP Hotspot Settings.

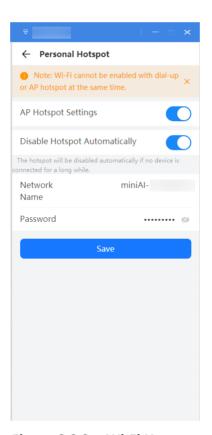


Figure 6-2 Set Wi-Fi Hotspot

- **3. Optional:** Enable **Disable Hotspot Automatically** to disable the Wi-Fi hotspot automatically when there is no device connecting to the hotspot for a long time.
- 4. Optional: Edit the Wi-Fi hotspot name and password via the following two ways.

- Keep the password empty, and then the device Wi-Fi hotspot password is empty, that is an open hotspot. You can connect to it directly without entering the password.
- Set a new password. The new password should be 8 to 31 characters without some special characters or spaces, and different from the initial Wi-Fi hotspot password (abcd1234).

5. Click Save.

What to do next

Reboot the device to take the settings into effect. After editing the hotspot password, if the device is rebooted, you need to connect to the device hotspot via the new password.

6.3 Dial-up

For the device supporting SIM card, you can connect the device to the network via SIM card dialup.

Before You Start

Install the SIM card.

Steps



- The function is only available for the device supporting SIM card. The connected device prevails.
- Dial-up cannot be enabled with Wi-Fi or Wi-Fi hotspot at the same time.
- 1. Click **Dialing** on the main menu.
- 2. Enable Dialing.

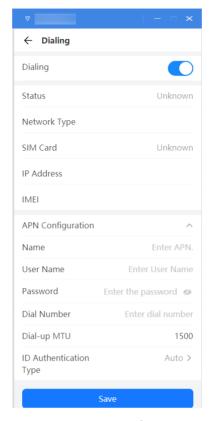


Figure 6-3 Dial-up

- 3. View the dial-up information.
- 4. Set the APN parameters.

i Note

Contact the service supplier to get the APN information.

5. Click Save.

What to do next

Reboot the device to take the settings into effect.

6.4 Set Positioning

You can set positioning to locate the position of the device.

Steps

i Note

The function is only available for the device supporting positioning. The connected device prevails.

1. Click Positioning on the main menu.

- 2. Select positioning mode from Positioning Settings.
- 3. Positioning to select the positioning mode.



Figure 6-4 Set Positioning

Note

The positioning modes vary with the connected device models. The connected device prevails.

4. Set the following parameters.

Positioning Time Sync.

The device will synchronize time with the positioning satellite time.

Positioning Information Overlay

The positioning information will be overlaid on the videos, pictures, and remote live view image.

Upload Interval

Slide to set the interval to upload the positioning information to the connected platform.

5. Save.

Chapter 7 Camera Settings

7.1 Set Record Parameters

You can set the parameters such as the resolution and video encoding when recording.

Steps



The supported parameters vary with the connected devices. The connected device prevails.

1. Click Record Parameters on the main menu.

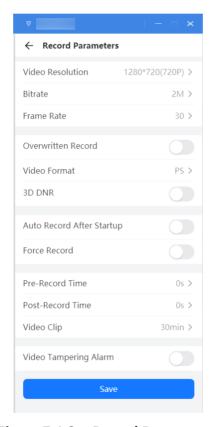


Figure 7-1 Set Record Parameters

2. Set the parameters below.

Video Resolution

The higher the resolution is, the clearer the image will be.

Bitrate

Select relatively large bitrate if you need good image quality and effect, but more storage spaces will be consumed. Select relatively small bitrate if storage requirement is in priority.

Frame Rate

It is to describe the frequency at which the video stream is updated and it is measured by frames per second (fps).

Overwritten Record

Enable overwritten record to keep recording when the available capacity is not enough, and the former recorded videos except the tagged important videos will be overwritten.



If you enable overwritten record, back up the important data in time, or they will be overwritten.

Video Format

Select **PS**, and the video files will be packed in PS format. You need to play the video files via Hikvision player or other players with Hikvision play plugin. Visit Hikvision official website (https://www.hikvision.com) to download VSPlayer and install it. Or visit Hikvision official website (https://www.hikvision.com) to download MFPlugin and install it.

Select **MP4**, and the video files will be packed in MP4 format. You can play the backed up video files via the Windows player or Hikvision player. For Hikvision player, visit Hikvision official website (https://www.hikvision.com) to download VSPlayer and install it.

3D DNR

You can enable the funciton to reduce video noise and improve the video quality.

Auto Record After Startup

The device will start recording when startup.

Force Record

The device will keep recording after startup.

Pre-Record Time

Set the time to record before the recording start time.

Post-Record Time

Set the time to record after the recording end time.

Video Clip

The max. recording duration of each video.

Video Tampering Alarm

The device will issue an alarm prompt if the lens is covered during the recording. **3.** Click **Save**.

7.2 Set Network Transmission Parameters

You can set the network stream parameters when previewing the device via platform.

Steps



- The function varies with the connected devices. The connected device prevails.
- The supported parameters vary with the connected devices. The connected device prevails.
- 1. Click Network Transmission Parameters on the main menu.

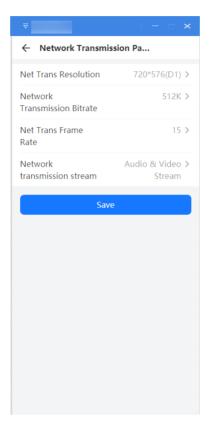


Figure 7-2 Set Network Transmission Parameters

2. Set the parameters below.

Net Trans Resolution

The higher the resolution is, the clearer the image will be.

Network Transmission Bitrate

Select relatively large bitrate if you need good image quality and effect.

Net Trans Frame Rate

It is to describe the frequency at which the video stream is updated and it is measured by frames per second (fps).

Network Transmission Stream

Select to transmit video stream or mixed stream.

3. Click Save.

7.3 Other Settings

Click **Other Settings** on the main menu to set the encoding type, audio type, and other parameters.

iNote

The supported functions vary with the connected devices. The connected device prevails.

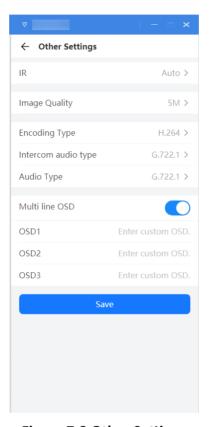


Figure 7-3 Other Settings

7.3.1 Set IR Light

When the environment is dim or dark, you can enable IR light to get a clear video.

Steps

- 1. Click Other Settings → IR on the main menu.
- 2. Set IR, and click Confirm.

Disable

No matter how the environment light is, IR light will be disabled for recording or remote live view.

Enable

No matter how the environment light is, once you start recording or remote live view, IR light will be enabled.

Auto

IR light will be enabled only when the environment is dim and recording or remote live view starts.

3. Click Save.

7.3.2 Set Picture Quality

You can set the captured picture resolution.

Steps

- 1. Click Other Settings → Image Quality on the main menu.
- 2. Select the picture resolution, and click Confirm.
- 3. Click Save.

7.3.3 Set Video Encoding Type

The video encoding type will affect the quality of live view, videos, and captured pictures.

Steps

- 1. Click Other Settings → Encoding Type on the main menu.
- 2. Select the video encoding type, and click Confirm.



Video bitrate varies with different encoding types. Please select according to your needs. H.265 is a new encoding technology. Compared with H.264, it reduces the transmission bitrate under the same resolution, frame rate, and image quality.

3. Click Save.

What to do next

Reboot the device to take the new settings into effect.

7.3.4 Set Intercom Audio Encoding Type

Set the audio encoding type for the group intercom.

Steps



The function is only available for the device supporting group intercom. The connected device prevails.

- 1. Click Other Settings → Intercom Audio Type on the main menu.
- 2. Select the intercom audio encoding type according to your needs, and click Confirm.
- 3. Click Save.

What to do next

Reboot the device to take the new settings into effect.

7.3.5 Set Stream Audio Encoding Type

Set the audio encoding type for the video and audio streams.

Steps

- 1. Click Other Settings → Audio Type on the main menu.
- 2. Select the stream audio encoding type according to your needs, and click Confirm.
- 3. Click Save.

What to do next

Reboot the device to take the new settings into effect.

7.3.6 Set Multi-Line OSD

You can set the overlay information on the videos and pictures.

Steps

- 1. Click Other Settings → Multi-Line OSD on the main menu.
- 2. Enable Multi-Line OSD.
- 3. Set OSD information.
- 4. Click Save.

Result

After you have switched the device to the USB mode, you can view the OSD information overlaid on the videos and pictures copied to the connected computer.

Chapter 8 Network Application

8.1 Connect to ISUP Platform

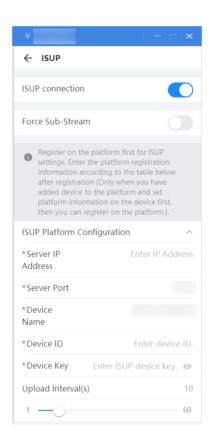
ISUP is the platform access protocol. You can log in to the device via the platform to realize live view, data management, and so on.

Before You Start

- Set the connected platform. Ensure the device can communicate with the platform normally.
- · Register the device on the platform.

Steps

- 1. Click ISUP on the main menu.
- 2. Enable ISUP Connection.



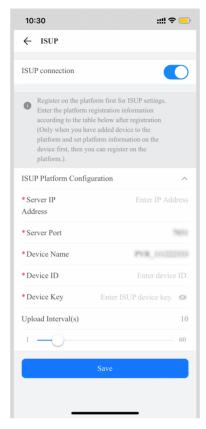


Figure 8-1 Connect to ISUP Platform

- 3. Enter Server IP Address and Server Port.
- 4. Enter Device Name, Device ID, and Device Key.



- The device ID should be the same as the ID set on the platform.
- You need to set a medium password (8 to 16 characters, including the combinations of digits and special characters, the combinations of uppercase and lowercase letters, the combinations of uppercase letters and special characters, or the combinations of lowercase letters and special characters) or a strong password (8 to 16 characters, including at least three types of uppercase letters, lowercase letters, digits, or special characters) for the key.
- 5. Optional: You can do the below operations.

Enable force sub-Enable Force Sub-Stream to force the platform only to transmit via

stream the sub-stream.

Upload positioning After enabling positioning, set **Upload Interval** to upload the information

positioning information to the connected platform.

6. Click Save.

7. Click **Confirm** on the popup window to reboot the device.

Result

The device will reboot and exit from the software automatically. If you want to set the device via the software continuously, recognize and log in to the device again.

8.2 Connect to Guarding Vision

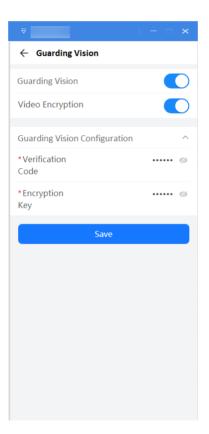
The device can be remotely accessed via Guarding Vision.

Before You Start

Connect the device to network.

Steps

- 1. Click Guarding Vision on the main menu.
- 2. Enable Guarding Vision connection.



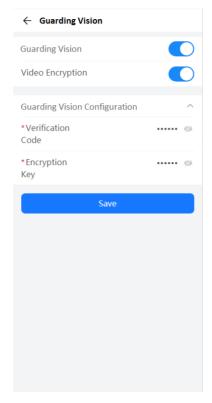


Figure 8-2 Connect to Guarding Vision

- **3. Optional:** Enable **Video Encryption**. Then you need to enter the set video key when you view videos via Guarding Vision.
- 4. Set Verification Code and Encryption Key.



You need to set a medium password (8 to 16 characters, including the combinations of digits and special characters, the combinations of uppercase and lowercase letters, the combinations of uppercase letters and special characters, or the combinations of lowercase letters and special characters) or a strong password (8 to 16 characters, including at least three types of uppercase letters, lowercase letters, digits, or special characters) for the verification code and video key. Otherwise the Guarding Vision connection and video encryption cannot be enabled.

- 5. Set Guarding Vision parameters.
 - 1) Select Settings.
 - 2) Enter the admin password, and select OK.

\square iNote

If the password set when activation is not changed, the admin password is the activation password. If the admin password has been changed after activation, the admin password is the changed one.

3) Set verification code and video key.



You need to set a medium password (8 to 16 characters, including the combinations of digits and special characters, the combinations of uppercase and lowercase letters, the combinations of uppercase letters and special characters, or the combinations of lowercase letters and special characters) or a strong password (8 to 16 characters, including at least three types of uppercase letters, lowercase letters, digits, or special characters) for the verification code and video key. Otherwise the Guarding Vision connection and video encryption cannot be enabled.

- 6. Click Save.
- **7.** Click **Confirm** on the popup window to reboot the device.

Result

The device will reboot and exit from the software automatically. If you want to set the device via the software continuously, recognize and log in to the device again.

What to do next

Get and install Guarding Vision application by searching "Guarding Vision" in App Store or Google Play™. Start the application and register a user account to log in. Add device by the serial No. on the device body and the verification code. Refer to the user manual of Guarding Vision application for details.

Chapter 9 System Settings

9.1 Power Supply and Display

You can view the device battery, enable quick charging mode and energy saving mode, or set other parameters.

Steps

1. Click Power and Display on the main menu.

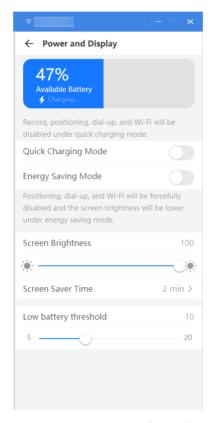


Figure 9-1 Power and Display

- 2. View the device battery.
- 3. Set the functions below.



The supported functions vary with the connected devices. The connected device prevails.

Quick Charging Mode

Enable the quick charging mode, and all the power consuming functions, such as network, record, positioning, etc., will be disabled automatically while the device is being charged. The

fully-charged duration will be shorten. Disable the quick charging mode, and the device can be operated normally while being charged. The fully-charged duration will be longer than the quick charging mode.

Energy Saving Mode

When the device is in low battery or produces large heat, you can enable energy saving mode to disable positioning, Wi-Fi, and dial-up functions and lower the screen brightness to save power.

Screen Brightness

Slide to adjust the screen brightness.

Screen Saver Time

Select the time, and click **Confirm**. The device will sleep automatically to save power if there is no operation within the set time. If you select **Disable**, the screen will always on no matter if there is operation or not.

Low Battery Threshold

Slide to set the threshold. The device will send the low battery voice prompts when the available battery equals to the set value, and every 20, 10, 5, and 0 nodes below the set value. For example, set the threshold as 10, and then the device will send the low battery voice prompts when the available battery equals to 10, 5, and 0.

9.2 Edit Password

You are recommended to change the admin password regularly to guarantee data security.

Steps

1. Click Password and Permission → Change Password on the main menu.

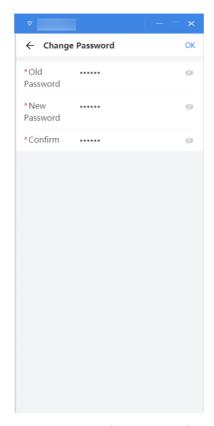


Figure 9-2 Edit Password

2. Enter Old Password and New Password. Confirm the new password.



The admin password should be 6 digits. You can use duplicate digits for the admin password.

3. Click OK.

What to do next

After changing the password, use the new password for login the next time or the operations to enter the admin password.

9.3 General Settings

You can set the indicator, time and date, and other parameters.

Steps

1. Click General Settings on the main menu.

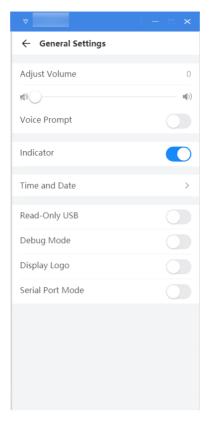


Figure 9-3 General Settings

2. Set the functions below.



The supported functions vary with the connected devices. The connected device prevails.

Adjust Volume

Slide to adjust the system volume. Slide to the far left to make the device mute.

Voice Prompt

Enable the voice prompt when you start/stop recording.

Indicator

Enable indicator to indicate the device status. Refer to *Quick Start Guide* of the connected device for the indicator status and colors.

Time and Date

Click **Time and Date**. Set **Time Zone**, **Date**, and **Time**. Enable **DST** and set the corresponding parameters. Click **Save**.

Read-Only USB

Enable the read-only USB mode, and after switching to the USB mode, the video, audio, and picture files can only be copied to the computer, but cannot be deleted locally. Disable the read-only USB mode, and after switching to USB mode, the video, audio, and picture files can both be copied or cut.

Debug Mode

Enable debug mode and the device will enter debug mode. You can view the debug log.

Display Logo

For the device supporting logo display, enable **Display Logo** and import the logo picture to display the logo picture on the device live view interface. Refer to **Apply Logo Picture** for details.

Hold Record Button to Start

For the device supporting the function, enable it to hold the record button on the device to start the device up and start recording at the same time when the device is shut down.

Serial Port Mode

Enable the function for device debug. After enabling the function, positioning is unavailable. Reboot the device to take the settings into effect.



Serial port mode can only be enabled for debugging device. It is not recommended to enable the function for the normal users.

9.4 Apply Logo Picture

For the device supporting logo picture display, after enabling logo display, you can import the logo picture from the computer.

Before You Start

Click **General Settings** on the main menu, and enable **Display Logo**.

Steps



The function is only available for the device supporting logo picture display. The connected device prevails.

1. Click LOGO on the main menu.

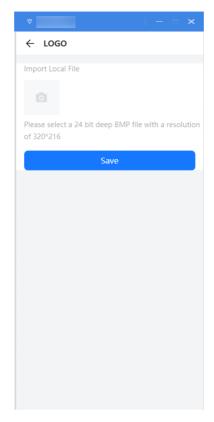


Figure 9-4 Apply Logo Picture

2. Click on to select a logo picture to import from the computer.



The imported logo picture should be in 24-bit BMP format and the resolution should be 320×216 .

3. Click Save.

Result

The imported logo picture will display on the device live view interface.

9.5 Set Nameplate Information

If the connected device is a nameplate camera with screen, you can set the nameplate information to display on the screen.

Steps



The function is only available for the nameplate camera with screen. The connected device prevails.

- 1. Click Nameplate Picture on the main menu.
- **2.** Select **Generation Type**, and set the corresponding parameters.
 - Import Local File:

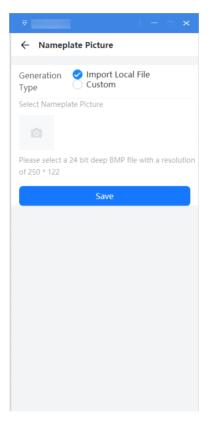


Figure 9-5 Import Local File

Click to select a nameplate picture to import from the computer.



The imported nameplate picture should be in 24-bit BMP format and the resolution should be 250×122 .

- Custom:



Figure 9-6 Set Custom Nameplate Information

- a. Select Background Color.
- b. If you select custom background color, click on to select a background picture from the computer.
- c. Select the number of Line(s).
- d. Set the text content, color, font, font size, and bold or not of each line. You can view the text content display effect in the "Edit" text field.
- e. If you want to adjust the text position, click **Reset Position** and drag the text content in the "Edit" text field to adjust the position.
- f. Click **Generate** to preview the display effect.
- 3. Click Save.

What to do next

The set nameplate information will be displayed on the device screen.

9.6 Export Log

You can export the device operation log.

Steps

1. Click Export Logs on the main menu.

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- 2. Click Confirm on the popup window.
- **3.** Select the saving path to save the log file.

Result

The log information will be exported as a file named with "debugLog.tar.gz" to the specific saving path.

Chapter 10 Maintenance

Click the area with the product picture on the main menu to enter the device maintenance interface.

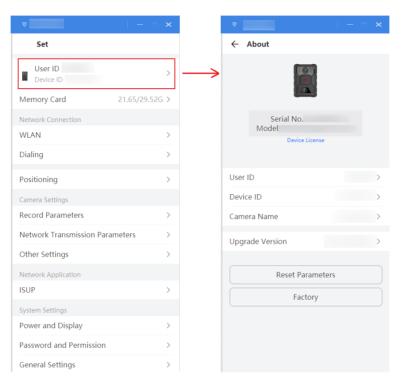


Figure 10-1 Maintenance

10.1 Set Device Information

You can view the device model and serial port, or edit user ID, device ID, and camera name.

Steps

- 1. View the device model and serial port.
- 2. Optional: Click Device License to view the license information.
- 3. Click User ID, Device ID, and Camera Name to edit corresponding information. Click OK.



Up to 32 characters are allowed for the user ID and device ID.

10.2 Upgrade

You can upgrade the device version.

Before You Start

Save the upgrade file to the computer.

Steps

- 1. Click Upgrade Version.
- 2. View the current device version.
- **3.** If you need to upgrade the device version, click **Upload and Install** to select the upgrade file from the computer to upgrade.

Result

The device will reboot automatically after upgrade.

10.3 Restore Default Settings

You can restore the device to the default settings.

Steps

- 1. Click Reset Parameters.
- 2. Enter the admin password on the popup window.



If the password set when activation is not changed, the admin password is the activation password. If the admin password has been changed after activation, the admin password is the changed one.

3. Click Reset Parameters.

Result

The device will reboot automatically after the restoration. All the parameters except the user and network parameters will be restored to the default settings.

10.4 Restore Factory Settings

When there are exceptions of the device due to parameters error, you can restore the device to factory settings.

Steps

- 1. Click Factory.
- 2. Enter the admin password on the popup window.

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If the password set when activation is not changed, the admin password is the activation password. If the admin password has been changed after activation, the admin password is the changed one.

3. Click Factory.

Result

The device will reboot automatically after the restoration. All the parameters will be restored to the factory settings, and all the data will be cleared.

