

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.
iNote	Provides additional information to emphasize or supplement important points of the main text.

Safety Instruction

Laws and Regulations

Use of the product must be in strict compliance with the local laws and regulations. Please shut down the device in prohibited area.

Network

- Please enforce the protection for the personal information and the data security as the device may be confronted with the network security problems when it is connected to the Internet. Please contact us when the device might exist network security risks.
- Please understand that you have the responsibility to configure all the passwords and other security settings about the device, and keep your user name and password.

Data

DO NOT disconnect the power during formatting, uploading, and downloading. Or files may be damaged.

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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.

Note

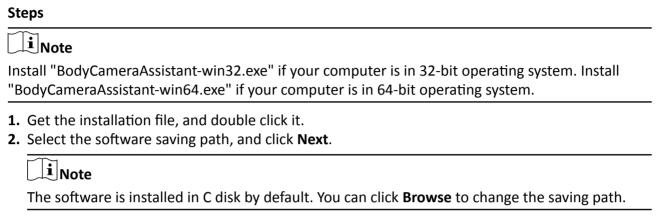
- Hereinafter Body Camera Assistant is referred to as "software", and portable device such as body camera and helmet camera are referred to as "device".
- The supported functions and software interfaces vary with different connected devices. The actual device prevails.

1.2 Software Environment

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

Chapter 2 Installation

Install the software according to the operating system of your computer. You can get the software from the official website (www.hikvision.com).



- 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 Login and Logout

3.1 Login

Log in to the device via the software.

Before You Start

The device has been started up.

Steps

- 1. Connect the device to computer via data cable.
- **2.** Run the software.
- 3. Click Recognize.
- 4. Click Device ID or Police ID.
- 5. Enter device password.

Note

The default device password is 123456.

6. Click Login.

3.2 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 4 Set Encoding Parameters

You can set video or network transmission parameters.

Steps

- 1. Click Device Configuration → Device Information .
- 2. Set video parameters.

Video Resolution@Frame Rate

The higher the video resolution and frame rate is, the clearer the video is, and the larger the storage capacity needs.

Bitrate

The higher the bitrate is, the better the transmitted image quality is, and the larger the storage capacity occupies.

Recording Stream Type

If you select **Video Stream**, only video will be recorded. If you select **Audio & Video Stream**, both audio and video will be recorded.

3. Set network transmission parameters.

Net Trans Resolution@Frame Rate

The higher the resolution and frame rate is, the better the transmitted image quality is, and the longer the transmission time is.

Network Transmission Bitrate

The higher the bitrate is, the better the network uploaded image quality is, and the larger the bandwidth occupies.

Network Transmission Stream Type

If you select **Video Stream**, only video is transmitted. If you select **Audio & Video Stream**, both video and audio are transmitted.

4.	Select Video Encoding Type. H.264 and H.265 are selectable.			
	Note			
	 For some devices, you need to click Device Configuration → Extended Settings to set Encoding Type. After changing the video encoding type, reboot the device to take the settings into effect. 			
5.	Click Save.			
	Note			
	The encoding parameters vary with different models. The actual device prevails.			

Chapter 5 Backup

You can back up the files of the device.

5.1 Download to Computer

You can download the device local files to the computer via the software.

Steps

- 1. Click Media Information.
- 2. Set the start time and end time.
- **3.** Select file type.
- 4. Click Search.
- 5. Check the file(s) to download, or check **Select All**, and click **Download**.
- **6.** On the popup **Download File** interface, click to select the saving path, and click **OK**.
- 7. You can operate the following options.
 - Click **Clear** to clear all the selected file(s).
 - Click × to delete the single file.
 - Click Cancel to cancel the download.



During the download, there will appear a red circle with a number on the upper right corner of the main interface. The number on the red circle represents the number of file(s) to be downloaded. When the red circle and number disappear, the file(s) have finished download. Then you can view the downloaded file(s) under the local file saving path in the computer.

5.2 Switch USB Mode

You can copy files from the computer to the device, or copy files from the device to the computer via USB mode.

Steps



The device can only be used as a USB device after it is switched to USB mode. The local operations will stop.

- 1. Click Switch USB Mode.
- 2. Click OK.

Result

The device can be used as a USB device after it is switched to USB mode. You can view or copy files.

5.3 Set File Saving Path

You can change the local file saving path and log saving path.



- **1.** Click 🚳 .
- 2. Click to select Local File Saving Path and Log Saving Path.
- 3. Click Save.

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Log saving function varies with different models. The actual device prevails.

Chapter 6 Network Settings

6.1 Dial (Normal Network)

lf١	you want to	connect to	network via	3G/4G SIN	/I card, enable	dialing.
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Before You Start

Install 3G/4G SIM card.

Steps

- 1. Click Device Configuration → Network Settings .
- 2. Check Enable Dialing.
- 3. Click Save.

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Dialing function varies with different models. The actual device prevails.

6.2 Dial (Private Network)

You can connect to network via NB-IOT private network.

Before You Start

Install NB-IOT card.

Steps



If you enable NB-IOT and Wi-Fi simultaneously, the device will connect to network via Wi-Fi in priority. If you want to connect to network via NB-IOT, disable Wi-Fi first.

- 1. Click Device Configuration → Network Settings .
- 2. Check Enable Dialing to enable NB-IOT.
- 3. Set APN parameters according to the dialing card, such as Name, Dial Number, User Name, etc.
- 4. Click Save.

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i	Note

Dialing function varies with different models. The actual device prevails.

6.3 Set Wi-Fi

6.3.1 Set Dynamic Wi-Fi

You can access network by connecting to a Wi-Fi. If you want to allocate IP address automatically, set the dynamic Wi-Fi.

Steps

- 1. Click Device Configuration → Network Settings .
- 2. Check Enable of Wi-Fi Parameters.
- 3. Enter SSID and Key.
- 4. Click Save.



Wi-Fi function varies with different models. The actual device prevails.

6.3.2 Set Static Wi-Fi

You can access network by connecting to a Wi-Fi. If you want to guarantee the network stability and remain the access address, set the static Wi-Fi.

Steps

- 1. Click Device Configuration → Static Wi-Fi Settings .
- 2. Check Enable.
- 3. Enter IP Address, Subnet Mask, Gateway, etc.
- 4. Click Save.

Note

- Consult the network operator about the static Wi-Fi.
- Wi-Fi function varies with different models. The actual device prevails.

6.3.3 Set Wi-Fi AP

The device can be set as a hotspot to share network to other devices.

Steps

iNote

Wi-Fi and Wi-Fi AP cannot be enabled simultaneously. If you want to enable Wi-Fi AP, disable Wi-Fi first.

2.	Click Device Configuration → Network Settings . Check Enable of AP Hotspot Param. Optional: Check Use Default SSID . When other device is connecting to the Wi-Fi AP, the displayed SSID is the default one.
	Note The default SSID of the device is named as "Model_Serial No.".
	Enter Key. Click Save.
	Note
	Wi-Fi function varies with different models. The actual device prevails.
Yo Be	4 Set Bluetooth u can enable bluetooth to connect the device to bluetooth headsets. fore You Start
Pr	epare bluetooth headsets.
1. 2.	eps Click Device Configuration → Extended Settings. Check Bluetooth. Click Save.
	Note
	Bluetooth function varies with different models. The actual device prevails.
6.	5 Connect to Platform

You can log in to the device via platform to preview, receive alarms, and so on.

Before You Start

- Set the platform. Refer to the platform user manual for details.
- Ensure the device can communicate with the platform normally.

Steps

- 1. Click Device Configuration → Platform Settings .
- 2. Check Enable.
- **3.** Set platform parameters.

IP Address

The IP address of the platform server.

Port No.

The port No. of the platform.

Device ID

The unique identification of the device. It should be the same with the ID entered when adding device via platform.

- **4. Optional:** Check **Enable Domain Name**, and enter the domain name of the platform server in the text field.
- 5. Click Save.

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Platform connection function varies with different models. The actual device prevails.

Chapter 7 System Settings

7.1 Set Positioning

You can enable positioning to record the specific locations of the events to guarantee the completeness and availability of the evidences.

Steps

- 1. Click Device Configuration → System .
- 2. Select positioning mode from Positioning Settings.
- 3. Click Save.



- If positioning failed, move the device to a wide place to guarantee the positioning signal can be received.
- Positioning function varies with different models. The actual device prevails.

7.2 Upload Positioning Information

After positioning is enabled, the positioning information can be uploaded to the connected platform according to the set interval.

Before You Start

Connect the device to the platform. Refer to "Connect to Platform" for details.

Steps

- 1. Click Device Configuration → Extended Settings .
- 2. Select GPS Upload Interval.
- 3. Click Save.



- For some devices, you need to click Device Configuration → Platform Settings to set GPS
 Upload Interval.
- After setting the interval, reboot the device to take the settings into effect.
- Positioning function varies with different models. The actual device prevails.

7.3 Overlay Positioning Information

After positioning is enabled, the positioning information can be overlaid on the video.



- 1. Click Device Configuration → Extended Settings .
- 2. Check GPS Overlay.
- 3. Click Save.

Result

The positioning information will be overlaid on the video during recording and playback.

iNote

Positioning function varies with different models. The actual device prevails.

7.4 Set IR Light

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

Steps

- 1. Click Device Configuration → System Settings .
- 2. Select IR.

Disable

Disable IR light.

Enable

Only when record starts, will IR light be enabled.

Auto

IR light will be enabled automatically.

3. Click Save.

Note

IR function varies with different models. The actual device prevails.

7.5 Set Auto-Logout Time

For the device with screen, you can set auto-logout time during which the device will sleep if there is no operation.

Steps

- 1. Click Device Configuration → System Settings .
- 2. Select Auto-Logout.
- 3. Click Save.

Result

During the set time, if there is no operation, the device will sleep automatically.



iNote
The auto-logout function varies with different models. The actual device prevails.
7.6 Set Video Stream Parameters
You can set the local record parameters, such as pre-record, post-record, and video clip time.
 Steps Click Device Configuration → System Settings . Set the following parameters. Pre-Record The time before the record starts.
Post-Record
The time after the record ends.
Video Clip Time
The max. time length of the video file.
3. Click Save.
iNote
The specific parameters vary with different models. The actual device prevails.
7.7 Set System Volume
You can enable or disable system volume.
 Steps Click Device Configuration → System Settings . Set System Volume. Click Save.
Result
If system volume is enabled, there will be sound when you tap on the device screen. If system volume is disabled, there will not be sound when you tap on the device screen.
iNote
System volume function varies with different models. The actual device prevails.

7.8 Set LED Indicator

Enable LED indicator if you need to judge the device status via indicators.

Steps

- 1. Click Device Configuration → System Settings .
- 2. Set LED Indicator.
- 3. Click Save.

Result

If the function is enabled, LED indicators will show different colors in various status. Refer to the device quick start guide for details.

7.9 Set GPS Time Synchronization

If GPS is enabled, the device can synchronize time with the GPS time.

Before You Start

Enable GPS. Refer to "Set Positioning" for details.

Steps

- 1. Click Device Configuration → System Settings .
- 2. Set GPS Time Sync.
- 3. Click Save.

i Note

GPS time synchronization function varies with different models. The actual device prevails.

7.10 Set Vibration

If the device working status needs to be notified via vibration, enable vibration.

Steps

- 1. Click Device Configuration → Extended Settings .
- 2. Check Vibration.
- 3. Click Save.

i Note

Vibration function varies with different models. The actual device prevails.

7.11 Set Electronic Image Stabilization

You can enable electronic image stabilization of the device to guarantee the image stability when the device is in shaking status.

Steps

- 1. Click Device Configuration → Extended Settings .
- 2. Check EIS.
- 3. Click Save.



Electronic image stabilization function varies with different models. The actual device prevails.

7.12 Set Overwritten Recording

You can enable overwritten recording to keep recording when the available memory is insufficient, and the former recorded videos will be overwritten.

Steps



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

- 1. Click Device Configuration → Extended Settings .
- 2. Check Overwritten Record.
- 3. Click Save.



- Reboot the device to take the settings into effect.
- If the device supports tagging important data, the tagged videos will not be overwritten.
- Overwritten recording function varies with different models. The actual device prevails.

7.13 Upload Picture to Platform Automatically

After the device is connected to platform, the local pictures can be uploaded to the platform automatically.

Before You Start

Connect the device to the platform. Refer to "Connect to Platform" for details.

Steps

1. Click Device Configuration → Extended Settings .

2. Check Pic. Auto Upload.
3. Click Save.
i Note
Auto picture upload function varies with different models. The actual device prevails.
7.14 Set Debug Mode
Enable debug mode if you need to record debug log.
Steps
1. Click Device Configuration → Extended Settings.
2. Check Debug Mode.3. Click Save.
Note
Debug mode function varies with different models. The actual device prevails.
7.15 Set Quick Charging Mode
You can enable or disable quick charging mode in which the device will be charged fully in a short time.
Steps
1. Click Device Configuration → Extended Settings .
2. Set Quick Charging.
 Check Quick Charging to enable the function. During the charging process, recording and other functions will stop to speed the charging.
 Uncheck Quick Charging to disable the function. During the charging process, the device can
be operated normally.
i Note
Reboot the device to take the settings into effect.

7.16 Set Timed Capture

You can enable timed capture of the device. Then the device will capture a picture every the set interval.

• Quick charging function varies with different models. The actual device prevails.



- 1. Click Device Configuration → Extended Settings .
- 2. Select Timed Capture interval.
- 3. Click Save.

Result

The device will capture a picture every the set interval.



Timed capture function varies with different models. The actual device prevails.

7.17 Set Channel Name

You can set the device name when adding it on the platform.

Before You Start

Connect the device to the platform. Refer to "Connect to Platform" for details.

Steps

- 1. Click Device Configuration → Extended Settings .
- 2. Enter Channel Name.

Result

When adding the device on the platform, the device name will be the one you have set.

i

Channel name settings varies with different models. The actual device prevails.

Chapter 8 Maintenance

8.1 Set Device Information

You can view the device version, or edit user ID and device ID.



- 1. Click Device Configuration → Device Information .
- 2. In User Information, view Device Version, or edit Police ID and Device ID.

Note

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

3. Click Save.

8.2 Edit Device Password

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

Steps

- 1. Click Device Configuration → Security Settings .
- 2. Enter Current Password and New Password.
- 3. Click Save.

i Note

- The device password only supports numbers.
- Next time you log in to the software or enter password for device operation, use the new password.

8.3 Recover Device Password

If you forgot the device password, you can recover it to the default one.

Steps

- **1.** After recognizing the device, click **Forgot**.
- 2. Click Export File to export DeviceKey.xml file to your computer.
- 3. Send the file to the software manufacturer. They will send you an encryption file.
- **4.** Click to import the encryption file saved in your computer.
- **5.** Click **Verify Encryption** to start verifying.

Result

After the encryption file is verified, the device password will be recovered to the default one.

8.4 Set Operation Password

You can enable or disable password verification.

Steps

- 1. Click Device Configuration → System Settings .
- 2. Set Operation Password.

Enable

You need to enter device password to verify when you format device storage, restore default parameters, restore to factory settings. etc.

Disable

Password verification is not required.

3. Click Save.



Operation password function varies with different models. The actual device prevails.

8.5 Synchronize Time

You can synchronize time when the device time is not accurate.

Steps

- 1. Click Device Configuration → Time Settings .
- 2. Select synchronization mode.
 - Select **Auto Time Sync.**, and click **Save**.
 - Select Manual Time Sync., and set Date Time and Time Zone.

iNote

You need to disable **Auto Date & Time** of the device in **Settings** → **Device** → **Date and Time** locally.

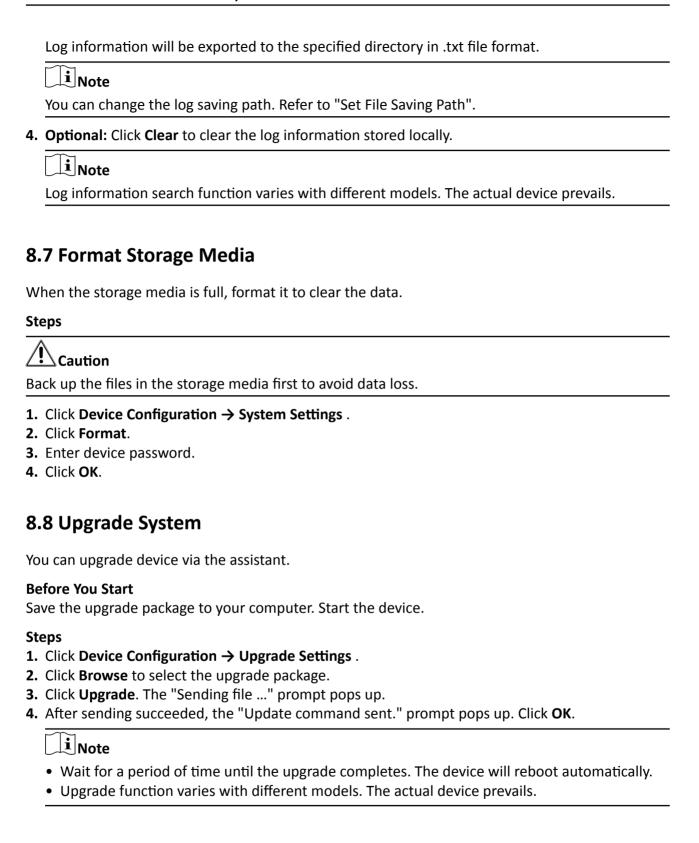
3. Click Save.

8.6 Search Log

You can view the historical record of the device and software operation.

Steps

- 1. Click Log Information.
- 2. Select the time range, and click **Search** to search the log information during the time range.
- 3. Optional: Click Export.



8.9 Restore Default Settings

You can restore the device to the default settings.

Steps

- 1. Click Device Configuration → System Settings .
- 2. Click Default.
- 3. Enter device password in the popup window, and click OK.



Default settings restoration function varies with different models. The actual device prevails.

8.10 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 Device Configuration → System Settings .
- 2. Click Factory.
- 3. Enter device password in the popup window, and click OK.



All the parameters of the device will be restored to factory settings. Operate the function with care.

