



Body Camera

User Manual

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Symbol Conventions

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

Symbol	Description
 Danger	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.
 Note	Provides additional information to emphasize or supplement important points of the main text.

Contents

Chapter 1 Activation.....	1
Chapter 2 Startup and Main Menu	2
2.1 Login.....	2
2.2 Live View Page Introduction	2
2.3 Main Menu	3
Chapter 3 Basic Operations	5
3.1 Record Video	5
3.2 Record Audio	5
3.3 Capture Picture.....	5
3.4 File Management.....	6
3.5 Set Tag.....	7
3.5.1 Set Tag During Video Recording, Audio Recording, or Capturing	7
3.5.2 Set Tag After Video Recording, Audio Recording, or Capturing	7
Chapter 4 Network Settings.....	8
4.1 Dial-up.....	8
4.2 Connect to Wi-Fi	9
4.3 Connect to Bluetooth	9
4.4 Set Airplane Mode.....	10
4.5 Connect to Platform	10
4.5.1 Select Video Platform.....	10
4.5.2 Connect to ISUP Platform	10
4.5.3 Connect to Hik-Connect	11
4.6 Set Positioning.....	12
4.7 Set Network SDK	13
4.8 Set Ping Test	13
Chapter 5 Media Settings	14
5.1 Set Record Parameters.....	14
5.2 Set Network Transmission Parameters	15
5.3 Set Camera Parameters.....	15

5.4 Set OSD	16
5.5 Enable IR Light	16
5.6 Set USB Camera	17
5.7 Select Two-Way Audio Format	17
5.8 Set AS Switch	17
5.9 Set PTZ Control	18
5.10 Select Intelligent Mode	18
5.11 Set Background Identification	19
Chapter 6 System Settings	20
6.1 Select Language	20
6.2 Set Voice Prompt	20
6.3 Enable Indicator	20
6.4 Set Volume	20
6.5 Adjust Screen Brightness	21
6.6 Enable Flashlight	21
6.7 Enable Password	21
6.8 Edit Password	22
6.9 Set Auto Alarm	22
6.10 Set Quick Charging Mode	22
6.11 Set Low Power	22
6.12 Set Dropdown Notification Center	23
6.13 Set ANR	23
Chapter 7 Face Picture Recognition	24
Chapter 8 Group Intercom	26
Chapter 9 Maintenance	27
9.1 Upgrade	27
9.2 Download Updates Automatically	27
9.3 Export Log	28
9.4 Export Battery Status Information	28
9.5 Export Configuration File	28
9.6 Reset Device Settings	28

9.7 Install Software	29
9.8 View Application	29
9.9 Set Date and Time	29
9.10 View Device Information	30
9.11 Shut down and Sleep.....	30
9.11.1 Shut down.....	30
9.11.2 Shut down Forcedly.....	30
9.11.3 Sleep Manually	30
9.11.4 Sleep Automatically	30
9.10.5 Wake up.....	30
A. Configuration via Body Camera Assistant	31

Chapter 1 Activation

Activate the device for the first-time use.

Steps

1. After you start up the device, you will enter the activation page. Set a custom 6-digit admin password, and confirm the password.



The password can contain the same numbers.

2. Tap **Activation**.
3. Optional: If you want to change the password after activation, you can enter **Settings** → **System** → **Password** → **Change Password** to change the password. Refer to [**Edit Password**](#) for details.

Chapter 2 Startup and Main Menu

2.1 Login

Users issued by the dock station or the platform can log in to the device. The logged user can view all the videos, audios, and pictures of all the users.

Before You Start

- Connect the device to the dock station or the platform.
- Set users via the dock station or the platform, and issue the users to the device. Refer to the user manual of the dock station or the platform for details.

Steps



If you have not connected the device to the dock station or the platform, or you have connected the device to the dock station or the platform, but the users are not issued to the device, the login page will not appear. You can use the device directly without login.

1. After activation, you will enter the login page.
2. Select the user.
3. Enter the password of the user.
4. Tap **Login**.

2.2 Live View Page Introduction

After activation, you will enter the live view page.

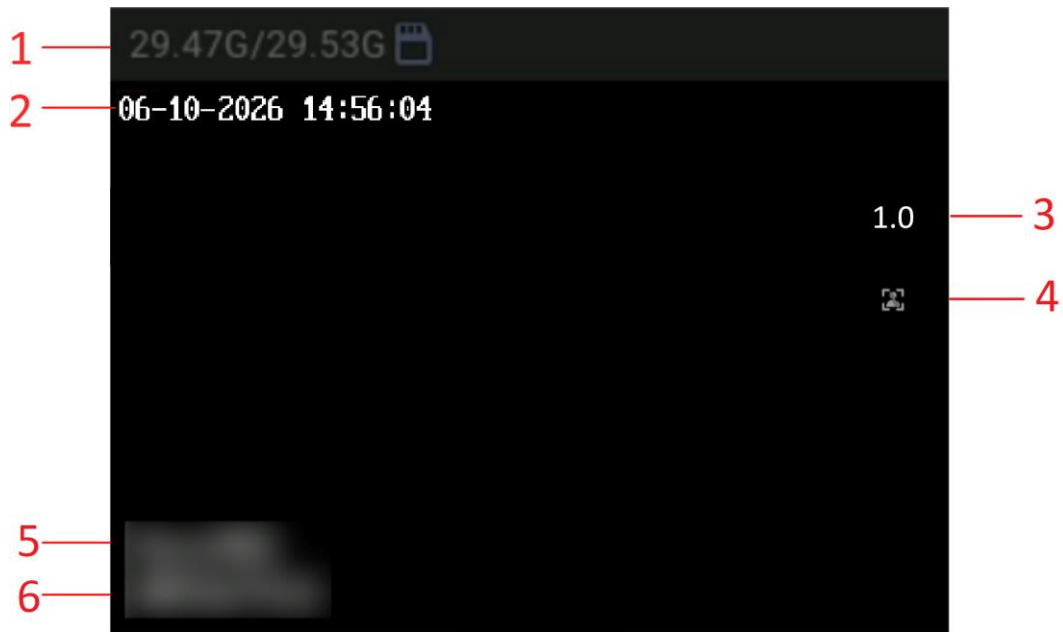


Figure 2-1 Live View Page

Table 2-1 Live View Page Description

No.	Description
1	The TF card available memory and status.
2	The current date and time.
3	The zooming multiple. In normal mode, the default zooming multiple is 1.0. In face recognition mode, the default zooming multiple is 3.0. You can tap the icon to adjust the zooming multiple.
4	The current intelligent mode. represents that the face recognition mode is disabled. represents that the face recognition mode is enabled.
5	If you select User Info Options as User ID , the user ID will display here. If you select User Info Options as User Name , the user name will display here. Refer to <u>Set OSD</u> for details.
6	The device ID.

2.3 Main Menu

After activation, you will enter **Camera** page automatically. Tap to enter the main menu. The

description of the main menu is shown as the table below.

Table 2-2 Main Menu Description

Menu	Description
Camera	Select it to enter the live view page.
Recorder	Select it to enter Recorder page. Press the audio recording button on the device side to start recording audio.
File MGT	Select it to enter File MGT page. You can view the videos, audios, and pictures saved in the device.
Settings	Select it to enter Settings page. You can set Network , Media , System , and Device parameters.
Group Intercom	Select it to enter Group Intercom page. You can realize two-way audio with others.

Note

If you have enabled password in **Settings** → **System** → **Password** → **Enable Password**, you need to enter the admin password when you enter **File MGT** page and other settings page. Please operate according to the prompt. Hereinafter the operation of entering password will not be illustrated any more.

Chapter 3 Basic Operations

3.1 Record Video

You can record videos via the device.

Steps

1. After the device is activated, press the video recording button.
After the recording starts, if you are on the live view page,  and the recorded time will appear on the upper left corner of the live view page, and the white recording icon will appear on the notification bar.
2. Press the video recording button again to stop recording.
3. Optional: Tap **File MGT** on the main menu to view the recorded videos.



- If you want to record a period of time before recording starts, select **Settings** → **Media** → **Video** → **Pre-record** to set pre-record time.
 - If you want to record a period of time after recording ends, select **Settings** → **Media** → **Video** → **Post-record** to set post-record time.
-

3.2 Record Audio

You can record audios via the device.

Steps

1. After the device is activated, press the audio recording button.
After the audio recording starts, if you are on **Recorder** page, you can view the audio recorded time, and  will appear on the notification bar.
2. Press the audio recording button again to stop recording.
3. Optional: Tap **File MGT** on the main menu to view the recorded audios.

3.3 Capture Picture

You can capture pictures via the device.

Steps

1. After the device is activated, press the capture button.
The device captures a picture.
2. Optional: Tap **File MGT** on the main menu to view the captured pictures.

3.4 File Management

You can play back videos, audios, and pictures via the device.

Steps

1. Tap **File MGT**.
2. Select **Video**, **Audio**, or **Picture**.
3. Select the file to play or view from the file list.
4. During video playback, you can do the following operations.

Start/Pause video playback Tap  to pause, and tap  to start.

Tag the video Tap the image, and tap  to set a tag for the current video. After tagging, the icon displays as the yellow color. Tap the icon again to cancel the tag, and the icon displays as the white color.

Adjust the playback speed Tap the image, and tap  to adjust the playback speed. You can play back the video fast forwards or in the normal speed.

View the video information Tap  to view the video information including the generation time, file size, and resolution.

5. During viewing a picture, you can do the following operations.

Tag the picture Tap  to set a tag for the current picture. After tagging, the icon displays as the yellow color. Tap the icon again to cancel the tag, and the icon displays as the white color.

View the picture information Tap  to view the picture information including the generation time, file size, and resolution.

6. During audio playback, you can do the following operations.

Start/Pause audio playback Tap  to pause, and tap  to start.

Tag the audio Tap  to set a tag for the current audio. After tagging, the icon displays as the yellow color. Tap the icon again to cancel the tag, and the icon displays as the white color.

View the audio information Tap  to view the audio information including the generation time, file size, and duration.

3.5 Set Tag

3.5.1 Set Tag During Video Recording, Audio Recording, or Capturing

Set Tag During Video Recording or Audio Recording

During video recording or audio recording, hold the audio recording button to set a tag. Hold it again to cancel the tag.



The tag is only available to the current video or audio. After the video or audio ends, tag also ends.

Set Tag During Capturing

Hold the audio recording button until  appears first, and then press the capture button to capture a picture. The captured picture will be tagged.

3.5.2 Set Tag After Video Recording, Audio Recording, or Capturing

After video recording, audio recording, or capturing, you can set tags for the important files for convenient search.

Steps

1. Tap **File MGT**.
2. Select the file type.
3. Open the file, and tap  to set a tag.

Result

The tagged file will be marked with  in the file list.

Chapter 4 Network Settings

4.1 Dial-up

You can connect the device to the network via SIM card dialing.

Before You Start

Install the SIM card.

Steps

1. Select **Settings** → **Network** → **Network and Internet** → **Mobile Network**.
2. Select the slot with the SIM card, and enable **Mobile data**.



You can also swipe the screen down and select the **Mobile data** icon from the notification center to enable mobile data.

3. Set other parameters if needed.
4. Set the APN parameters.
 - 1) Select **Advanced**.
 - 2) Select **Access Point Names**.
 - 3) Select the available APN from the list. Or contact the service supplier to get the APN, select  → **New APN**, and set corresponding parameters. Then select  → **Save** to save the settings.



Reboot the device to take the settings into effect.

Result

The  icon will appear on the notification bar.

What to do next

After the first successful connection, swipe the screen down and select the **Mobile data** icon from the notification center to enable or disable the dial-up quickly.

4.2 Connect to Wi-Fi

You can connect the device to an available Wi-Fi.

Steps

1. Select **Settings** → **Network** → **WLAN**.
2. Enable Wi-Fi.

Note

You can also swipe the screen down and select the **WLAN** icon from the notification center to enable Wi-Fi.

3. Select the Wi-Fi to connect, enter the password, and tap **CONNECT**.
4. Optional: Select the connected Wi-Fi to view the information.

Result

The  icon will appear on the notification bar.

What to do next

After the first successful connection, swipe the screen down and select the **WLAN** icon from the notification center to enable or disable the Wi-Fi quickly.

4.3 Connect to Bluetooth

You can connect Bluetooth earphone to the device.

Before You Start

Prepare the Bluetooth earphone by yourself.

Steps

1. Select **Settings** → **Network** → **Bluetooth**.
2. Enable the function.

Note

You can also swipe the screen down and select the **Bluetooth** icon from the notification center to enable Bluetooth.

3. Select the earphone to pair from the available devices list.

Note

After the Bluetooth earphone is connected, the earphone will be used for two-way audio with the platform by default if the device has been connected to the platform.

Result

After the Bluetooth earphone is connected successfully, the  icon will appear on the notification bar.

4.4 Set Airplane Mode

When airplane mode is enabled, dial-up, Wi-Fi, and Bluetooth will be disabled automatically.

Steps

1. Select **Settings** → **Network** → **Network and Internet**.
2. Enable or disable **Airplane Mode**.

Note

- You can also swipe the screen down and select the **Airplane mode** icon from the notification center to enable or disable the function.
 - When the device is accessed via Body Camera Assistant, or is connected to the computer and used as a USB flash drive, airplane mode is enabled automatically. After you exit from Body Camera Assistant, or disconnect the device with the computer, airplane mode is disabled automatically.
-

Result

The  icon will appear on the notification bar.

4.5 Connect to Platform

4.5.1 Select Video Platform

You can select the video platform to connect to the device.

Steps

1. Select **Settings** → **Network** → **Video Platform Management**.
2. Tap **Video Platform Type**.
3. Select the platform to connect.

What to do next

Reboot the device to take the settings into effect.

4.5.2 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.
- Select **Video Platform Type** as **ISUP5**. Refer to [Select Video Platform](#) for details.

Steps

1. Select **Settings** → **Network** → **Platform**.
2. Enable **Registration** to enable the platform connection.



You can also swipe the screen down and select the **Video Platform** icon from the notification center to enable the function.

3. Select **Platform Login Type** as **IP** or **DOMAIN**.
4. Set **Platform IP Address/Platform Domain**, **Platform Port**, **Device ID**, and **Key**.



The device ID and key should be same as the ones set on the platform.

5. Optional: Tap  on the upper right corner of the page and scan the platform QR code to fill in the parameters quickly.



The platform QR code should be generated according to specific rules.

Result

The  icon will appear on the notification bar.

What to do next

- After the device is connected to the platform, you can control the device such as uploading videos, audios, and pictures to the platform remotely.
- After the first successful connection, swipe the screen down and select the **Video Platform** icon from the notification center to enable or disable the platform connection quickly.

4.5.3 Connect to Hik-Connect

The device can be remotely accessed via Hik-Connect.

Before You Start

- Connect the device to network.
- Select **Video Platform Type** as **Hik-Connect**. Refer to [Select Video Platform](#) for details.

Steps

1. Select **Settings** → **Network** → **Platform**.
 2. Enable **Registration** to enable the platform connection.
-

Note

You can also swipe the screen down and select the **Video Platform** icon from the notification center to enable the function.

3. Set **Hik-Connect Address** and **Platform Port**.
 4. Set **Verify Code**.
-

Caution

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.

What to do next

Reboot the device to take the new settings into effect. Get and install Hik-Connect application by searching " Hik-Connect " in App Store or Google Play^(TM). 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 Hik-Connect application for details.

4.6 Set Positioning

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

Steps

1. Select **Settings** → **Network** → **Positioning Service**.
 2. Enable **Positioning Service**.
-

Note

You can also swipe the screen down and select the **Location** icon from the notification center to enable the function.

3. (Optional) Enable **Network Positioning**.
 - If both positioning service and network positioning are enabled, high accuracy positioning is enabled.
 - If positioning service is enabled while network positioning is disabled, satellite positioning is enabled.
-



Reboot the device to take the settings into effect.

What to do next

After the first positioning settings, swipe the screen down and select the **Location** icon from the notification center to enable or disable the function quickly.

4.7 Set Network SDK

If you want to log in to the device via client, set network SDK.

Steps

1. Select **Settings** → **Network** → **Network SDK**.
2. Enable **Registration** to enable the function.
3. Set **Communication Port** and **Onvif Port**.

What to do next

Reboot the device to take the settings into effect.

4.8 Set Ping Test

You can check the platform network is normal or not via ping test.

Steps

1. Select **Settings** → **Network** → **Ping Test**.
2. Enter target host address (IP address or domain name).
3. Tap **START**.
4. (Optional) Check **Enable Info. Auto Scrolling**.
The information will scroll to display automatically.

Chapter 5 Media Settings

5.1 Set Record Parameters

You can set the video stream parameters when recording.

Steps

1. Select **Settings** → **Media** → **Video**.
2. Set the parameters below.

Resolution

The higher the resolution is, the clearer the image will be. Meanwhile, the network bandwidth requirement is higher.

Scheduled Record Length

The max. recording duration of each video.

Max. Bit Rate

Select relatively large bit rate if you need good image quality and effect, but more storage spaces will be consumed. Select relatively small bit rate 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).

I Frame Interval

It refers to the number of frames between two key frames. The larger the I frame interval is, the smaller the stream fluctuation is, but the image quality is not that good.

Video Encoding Type

Video bit rate 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 bit rate under the same resolution, frame rate, and image quality.

Video Pack 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 to download VSPlayer and install it. Or visit Hikvision official website 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 to download VSPlayer and install it.

Record once Powered up

The device will start recording once it is powered up after the function is enabled.

Pre-record

Set the time to record before the recording start time.

Post-record

Set the time to record after the recording end time.

5.2 Set Network Transmission Parameters

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

Steps

1. Select **Settings** → **Media** → **Network**.
2. Set the parameters below.

Stream Type

Select to transmit video stream or mixed stream.

Resolution

The higher the resolution is, the clearer the image will be. Meanwhile, the network bandwidth requirement is higher.

Frame Rate

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

I Frame Interval

It refers to the number of frames between two key frames. The larger the I frame interval is, the smaller the stream fluctuation is, but the image quality is not that good.

Max. Bit Rate

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

Force Sub-Stream

Enable the function to force the platform only to transmit via the sub-stream.

5.3 Set Camera Parameters

You can set camera sound and image resolution.

Steps

1. Select **Settings** → **Media** → **Camera**.
2. Set the parameters below.

Enable Camera Sound

There will be sound when you capture pictures.

Image Resolution

Select the resolution of the captured pictures.

5.4 Set OSD

You can set the information overlaid on the videos, pictures, and remote live view image.

Steps

1. Select **Settings** → **Media** → **OSD**.
2. Set the parameters below.

GPS Overlay

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

Serial Number Overlay

The serial No. will be overlaid on the videos, pictures, and remote live view image.

User Info Overlay

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

User Info Options

Select the user information to display on the lower left corner of the live view page.

Device Name

The device name is only used for the platform background.

Rear Camera Name

The camera name will be overlaid on the videos and pictures uploaded to the platform.

Custom OSD

If you want to overlay custom OSD information, you can enable **Custom OSD**, and set the OSD information. Then after you have switched the device as a USB flash drive, you can view the custom OSD information overlaid on the videos and pictures via the connected computer.

5.5 Enable IR Light

You can enable IR light to supplement light for record at night or in dim environment.

Steps

1. Select **Settings** → **Media** → **IR Switch**.
2. Select **Disable**, **Enable**, or **Auto** according to the actual needs.

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.

5.6 Set USB Camera

The device supports connecting an external USB camera via the USB interface to enable synchronized recording from the main device and auxiliary camera, providing more comprehensive on-site coverage from multiple perspectives.



Note

The external USB camera should conform to UVC (USB Video Class) protocol.

Steps

1. Select **Settings** → **Media** → **USB Camera**.
2. Enable or disable the function.

What to do next

Reboot the device to take the settings into effect.

5.7 Select Two-Way Audio Format

Select the two-way audio encoding format.

Steps

1. Select **Settings** → **Media** → **Two-Way Audio Format**.
2. Select the format according to your needs.

What to do next

Reboot the device to take the settings into effect.

5.8 Set AS Switch

Enable electronic image stabilization to increase the stability of video image in mobile

environment.

Steps

1. Select **Settings** → **Media** → **AS Switch**.
2. Tap **AS Switch**, and enable the function.
3. Select **AS Grade**. The higher the grade, the better the image stabilization effect.



After enabling the function, up to 1080p resolution is supported for video recording, and 2K resolution is not supported.

5.9 Set PTZ Control

You can calibrate the PTZ of the device and upgrade the PTZ MCU.

Steps

1. Select **Settings** → **Media** → **PTZ Control**.
2. Tap **Parameter Calibration**. Place the device on a horizontal surface and keep it static, and tap **OK** on the popup window. Wait until the calibration ends.
3. (Optional) Upgrade the PTZ MCU firmware.
 - 1) Contact the technical support to get the PTZ MCU upgrade package.
 - 2) Uncompress the upgrade package, rename the upgrade file as “mcu_upgrade.bin”, and save it to the root directory of the device TF card.
 - 3) Tap **Firmware Upgrade**. Tap **START UPGRADE** and tap **OK** on the popup message box to upgrade the firmware. Wait until the upgrade ends.
 - 4) View the version of the PTZ MCU firmware.



The PTZ MCU firmware upgrade function is usually used for the after-sales maintenance.

5.10 Select Intelligent Mode

The device supports face recognition mode.

Steps

1. Select **Settings** → **Media** → **Intelligent Mode**.
2. Select the mode.

Disable

Disable the face recognition mode.

Face Recognition

Enable the face recognition mode.

Result

In different modes, different icons will appear on the right of the live view page. If you disable the face recognition mode,  will appear. If you enable the face recognition mode,  will appear.

5.11 Set Background Identification

If you want to continue the face picture recognition after locking the screen or exiting the camera page, you can enable the background identification.

Before You Start

- The device has been connected to the network.
- The device has been connected to the ISUP platform. Refer to [**Connect to ISUP Platform**](#) for details.

Steps

1. Select **Settings** → **Media** → **Background Identification**.
2. Enable the function.

Chapter 6 System Settings

6.1 Select Language

Select **Settings** → **System** → **Language** to switch the language.

6.2 Set Voice Prompt

You can enable or disable the voice prompt when you record videos, record audios, or set tags.

Steps

1. Select **Settings** → **System** → **Voice Prompt**.
2. Select **Enable** or **Disable** according to the actual needs.

Result

If you enable voice prompt, when you start or stop recording videos and audios, or when you start or stop tagging, there will be voice prompt.

6.3 Enable Indicator

Enable indicator to indicate the device status.

Steps

1. Select **Settings** → **System** → **Indicator**.
2. Select **Enable**.



Note

Refer to "Quick Start Guide" for the indicator status and colors.

6.4 Set Volume

You can adjust the volume of video recording, audio recording, picture capture, file playback, etc.

Steps

1. Select **Settings** → **System** → **Volume**.
2. Slide the bar to adjust **Media Volume** and **System Volume**.

Note

- If you disable **Media Volume**, there is no sound when you play back videos and audios.
 - If you disable **System Volume**, there is no sound when you press buttons.
-

6.5 Adjust Screen Brightness

Swipe the screen down to open the notification center. Slide the bar to adjust the screen brightness.

6.6 Enable Flashlight

You can enable flashlight to supplement light for recording or capturing in dim environment. Swipe the screen down to open the notification center. Tap the **Flashlight** icon to enable or disable the flashlight.

6.7 Enable Password

You can enable password verification when playing back files and entering some settings pages (such as restoring device settings). Only after you enter the correct password, you can get the permission to do the next operation.

Steps

Note

It is recommended to enable password for data security.

1. Select **Settings** → **System** → **Password**.
 2. Enable password.
 3. Enter the admin password and tap **OK** to enable the function.
-

Note

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.

6.8 Edit Password

It is recommended to edit the admin password regularly to raise data security.

Steps

1. Select **Settings** → **System** → **Password** → **Change Password**.
2. Enter the old password and new password, and confirm the new password.



Caution

The password should be 6 digits.

3. Tap **OK**.

What to do next

After changing the password, use the new password when you need to enter the admin password.

6.9 Set Auto Alarm

Enable auto alarm, and alarm will be triggered when the device storage capacity is full or the battery power is low.

Steps

1. Select **Settings** → **System** → **Alarm Switch**.
2. Select **Enable**.

Result

Voice alarm will prompt when the device storage capacity is full or the battery power is low.

6.10 Set Quick Charging Mode

Select **Settings** → **System** → **Power Options** → **Quick Charging Mode** to enable or disable the function. It is disabled by default.

- 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 that in the quick charging mode.

6.11 Set Low Power

When the device battery is lower than the set level, the low power information will be uploaded

to the connected platform.

Before You Start

Connect the device to the platform. Refer to [**Connect to ISUP Platform**](#) for details.

Steps

1. Select **Settings** → **System** → **Power Options** → **Low Power**.
2. Select the device battery level below which the low power information will be uploaded to the connected platform.

6.12 Set Dropdown Notification Center

You can enable the dropdown notification center to set some functions quickly and view the notifications.

Steps

1. Select **Settings** → **System** → **Dropdown Status Bar**.
2. Enable or disable the function.

6.13 Set ANR

The device supports ANR (Audio Noise Reduction). You can enable the function to filter the environment noise and raise the audio quality.

Steps

1. Select **Settings** → **System** → **ANR**.
2. Enable or disable the function.

Chapter 7 Face Picture Recognition

The device can recognize face pictures automatically and upload the pictures to the connected platform.

Before You Start

- The device has been connected to the ISUP platform. Refer to [**Connect to ISUP Platform**](#) for details.
- Enable face recognition intelligent mode. Refer to [**5.8 Set AS Switch**](#)
Enable electronic image stabilization to increase the stability of video image in mobile environment.

Steps

1. Select **Settings** → **Media** → **AS Switch**.
2. Tap **AS Switch**, and enable the function.
3. Select **AS Grade**. The higher the grade, the better the image stabilization effect.



Note

After enabling the function, up to 1080p resolution is supported for video recording, and 2K resolution is not supported.

5.9 Set PTZ Control

You can calibrate the PTZ of the device and upgrade the PTZ MCU.

Steps

1. Select **Settings** → **Media** → **PTZ Control**.
2. Tap **Parameter Calibration**. Place the device on a horizontal surface and keep it static, and tap **OK** on the popup window. Wait until the calibration ends.
3. (Optional) Upgrade the PTZ MCU firmware.
 - 5) Contact the technical support to get the PTZ MCU upgrade package.
 - 6) Uncompress the upgrade package, rename the upgrade file as “mcu_upgrade.bin”, and save it to the root directory of the device TF card.
 - 7) Tap **Firmware Upgrade**. Tap **START UPGRADE** and tap **OK** on the popup message box to upgrade the firmware. Wait until the upgrade ends.
 - 8) View the version of the PTZ MCU firmware.



Note

The PTZ MCU firmware upgrade function is usually used for the after-sales maintenance.

• 5.10 Select Intelligent Mode for details.

Steps

1. Enter **Camera** page. Aim the device to the face target, and the device will recognize the face picture automatically with a white rectangle surrounding the face.

Note

- The recognized pupil distance should be larger than 40 pixels. If recognizing failed, adjust the distance between the lens and the target.
- If  appears on the lower right corner of the recognized picture on the right of the page, it means uploading failed. If  appears, it means uploading succeeded.

-
2. Optional: If multiple pictures are captured, swipe the screen from left to right to view more pictures.
 3. Optional: Tap  (The number before / represents for the number of face pictures uploaded to the platform successfully. The number after / represents for the number of recognized face pictures.) on the **Camera** page to view the comparative result.

Chapter 8 Group Intercom

If the device has been connected to the platform supporting group intercom, you can realize group intercom via the device.

Before You Start

- Set users via the dock station or the platform, and issue the users to the device.
- Create a group and add users linked with the group intercom devices via the platform.

Steps

1. Select **Group Intercom** on the main menu. The user issued by the dock station or the platform will appear in **User ID**.
2. Tap **Login**.
After login, you will enter **My Group** page. The device will display the group(s) the current user has joined via the platform.
3. After login, you can do the following operations.
 - On **My Group** page, tap  to select **Get Group List** to refresh the group list, or tap **Logout** to log out of the group intercom.
 - Hold a group and select **Set it as the current group** to set the selected group as the current intercom group. Hold the PTT button of the current device to send a group intercom request. The other online users in the group can hear the voice of the current device user.
 - Hold a group and select **View Members** to view the group members and status. Tap  to refresh the member list and status. Select another online member and tap **Voice Call** to send a voice call to the selected member. The called member can receive or reject the voice call. If the called member receive the call, the two members can start two-way audio.

Chapter 9 Maintenance

9.1 Upgrade

You can upgrade the device version.

Before You Start

- Save the .zip upgrade file to the device.
- Ensure the device battery power is larger than 20%.

Steps

1. Select **Settings** → **Device** → **System Upgrade**.
2. Tap **SELECT UPGRADE PACKAGE**.
3. Select the upgrade file from the saved path.
4. Tap **INSTALL NOW**.

Result

The upgrade process will continue for 1 to 10 minutes. Do not shut down the device. After upgrade finishes, the device will reboot automatically.

9.2 Download Updates Automatically

The device can download the upgrade package issued from the connected platform automatically. You don't need to download the upgrade package manually. After auto downloading, you can select to upgrade or not.

Before You Start

The device has been connected to the ISUP platform. Refer to [**Connect to ISUP Platform**](#) for details.

Steps

1. Select **Settings** → **Device** → **Auto download Updates**.
2. Enable or disable the function.

Enable

The device can download the upgrade package issued from the connected platform automatically.

Disable

The device will not download the upgrade package issued from the connected platform automatically. If there are updates issued from the connected platform, the device will prompt you to download the upgrade package or not the next time you start the device up.

9.3 Export Log

You can export log to the local storage.

Steps

1. Select **Settings** → **Device** → **Export Log**.
2. Select the folder to save the log, and tap **EXPORT**.
3. Tap **EXPORT** on the popup message box.

Result

Log will be exported to the selected folder, and is named as "error_serial No._date_log.zip".

9.4 Export Battery Status Information

You can export the battery status information to the local storage.

Steps

1. Select **Settings** → **Device** → **Export Battery Info**.
2. Tap **EXPORT** to export the battery status information.

Result

The "batteryTrack.xls" file will be generated in the root directory of the device.

9.5 Export Configuration File

You can export the configuration file of the current device. Then connect the current device to the dock station, and the configuration file will be copied to the dock station. The dock station can apply the configuration file to other connected devices to set the two devices with the same parameters.

Steps

1. Select **Settings** → **Device** → **Export device config**.
2. Tap **EXPORT**.

Result

The "devCfg.json" file will be generated in the root directory of the device.

9.6 Reset Device Settings

You can reset the device to factory settings.

Steps

1. Select **Settings** → **Device** → **Param Reset**.
2. Tap **Restore Factory**, and tap **OK** to restore all the parameters to the factory settings.

Result

The device will reboot automatically.

9.7 Install Software

The device is embedded with Android system. You can install related application software on the device.

Before You Start

Save the .apk file of the software to the device.

Steps

1. Select **Settings** → **Device** → **Software Installation**.
2. Select the software apk file, and operate according to the prompt.

9.8 View Application

You can view the information of the applications installed on the device.

Steps

1. Select **Settings** → **Device** → **Application**.
2. Tap the application to view the information.

9.9 Set Date and Time

You can set the device time manually or synchronize the device time automatically.

Steps

1. Select **Settings** → **Device** → **Date and Time**.
2. Tap **Auto Date & Time**.
3. Select auto time synchronization mode.
 - Select **Use GPS** to synchronize the device time with the satellite time if the device has been enabled GPS. It is used by default.
 - Select **Use Network** to synchronize the device time with the network time if the device has been connected to the network.
 - Select **Use Platform** to synchronize the device time with the platform time if the device has been connected to the platform.
 - Select **Disable** to set **Data** and **Time** manually.
4. Tap **Time Zone** to set the time zone.

9.10 View Device Information

Select **Settings** → **Device** → **Device Information** to view the device information including the model, extra information, serial No., software version, kernel version, and status information.

9.11 Shut down and Sleep

9.11.1 Shut down

After the device starts up, hold the on/off button to shut it down.

9.11.2 Shut down Forcedly

If the device cannot be shut down normally, you can hold the on/off button for 15 seconds to shut it down forcedly.

9.11.3 Sleep Manually

When the device screen is on, press the on/off button to sleep the device.

9.11.4 Sleep Automatically

You can set the device to sleep automatically to save power if there is no operation within a certain time.

Steps

1. Select **Settings** → **System** → **Power Options** → **Sleeping**.
2. Select time.



If you select **N.O.**, the screen will always on no matter if there is operation or not.

Result

If no operation is done within the set time, the device will sleep automatically.

9.10.5 Wake up

When the device is sleeping, you can press any button on the left and right sides of the device to wake it up. Pressing the buttons below the screen cannot wake the device up.

A. Configuration via Body Camera Assistant

You can set the parameters of body cameras via Body Camera Assistant software installed on the computer.

Scan the QR code below to get the user manual of Body Camera Assistant for the device configuration via the software.



Figure A-1 Body Camera Assistant User Manual QR Code



See Far, Go Further