Body Camera

User Manual

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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 Product Introduction

1.1 Introduction

Body camera (hereinafter referred to as device) highly integrates with record, taping, capture, positioning, etc. It is embedded with positioning module with high sensitivity to locate the occurring position of events accurately. It can record the process and condition of events completely via record, taping, and capture. You can also tag the important data for future search.

It is small and light, convenient to carry, and can be worn on the shoulder, satisfying the requirement of mobile duty and evidence record for single person. It is widely applicable to public security protection, city management, industry and commerce, etc.

1.2 Key Feature

- H.264/H.265 encoding technology.
- Built-in 4G and Wi-Fi modules to transmit video and audio in mobile environment stably.
- Built-in positioning module with high sensitivity to locate the occurring position of events accurately.
- Supports record, taping, capture, etc. Capture is available during recording.

Chapter 2 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.
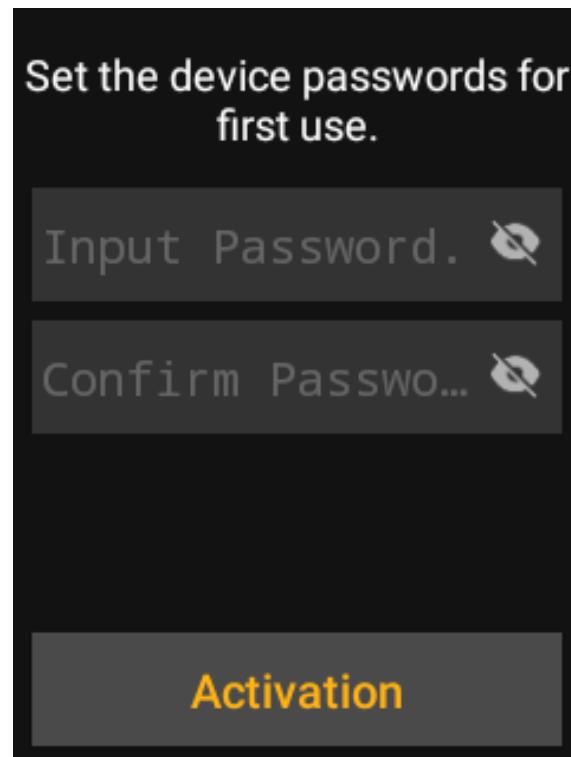
Figure 2-1 Activation

Note

The password can contain the same numbers.

2. Select **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 3 Startup and Main Menu

3.1 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

- 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.
- Connect the device to the dock station or the platform.

Steps

$\boxed{\mathbf{i}}$**Note**

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.
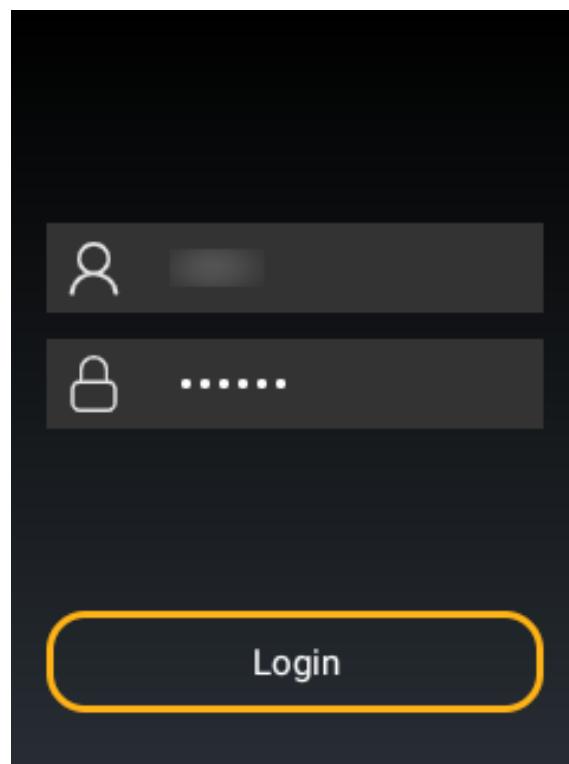
Figure 3-1 Login

4. Tap **Login**.

3.2 Live View Page Introduction

After activation, you will enter the live view page.
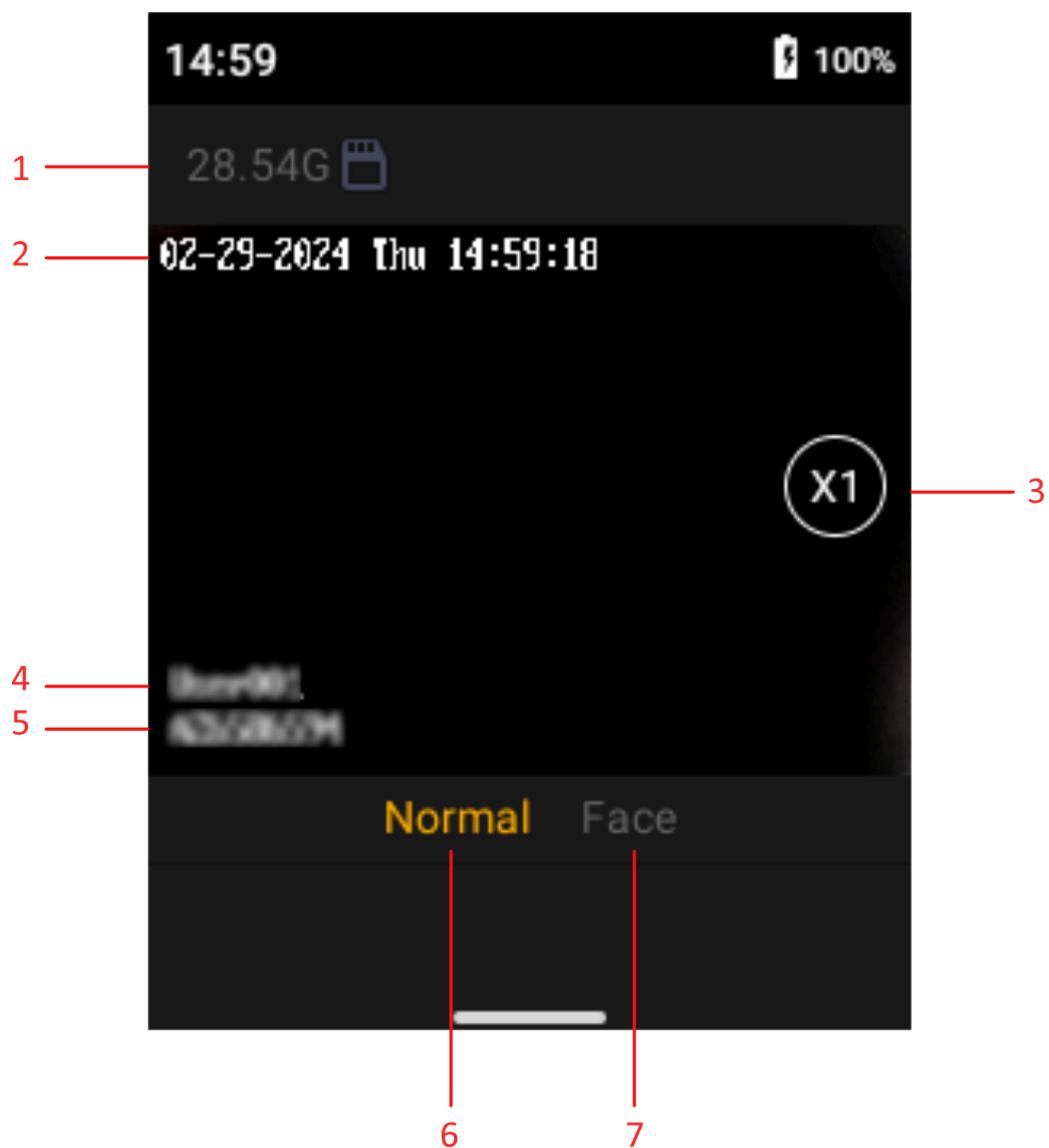
Figure 3-2 Live View Page

Table 3-1 Live View Page Description

No.	Description
1	The TF card available memory and status.
2	The current date and time.
3	The zooming multiple. Select the icon to adjust the zooming multiple.
4	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 **_Set OSD_** for details.

No.	Description
5	The device ID.
6	The **Normal** page for live view.
7	The **Face** page for face picture capture and comparison. Refer to ***Face Picture Capture and Comparison*** for details.

3.3 Main Menu

After activation, you will enter **Normal** page automatically. Tap [icon] to enter the main menu. The description of the main menu is shown as the table below.

Table 3-2 Main Menu Description

Menu	Description
Camera	Select it to enter the live view page.
Recorder	Select it to enter **Recorder** page. Press the taping button on the device side to start taping.
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.

[i]**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 4 Basic Operations

4.1 Storage

The recorded videos, taped audios, and captured pictures will be stored in the device.

4.1.1 Release Storage Capacity

When the storage capacity is full, you can back up the device data to the computer first, and then release the storage capacity.

- Back up files via USB mode. Refer to ***Backup*** for details. Delete the files backed up under PVRFILES folder to release the storage capacity.
- Enable overwritten record to keep recording when the available capacity is not enough, and the former recorded videos will be overwritten. Refer to ***Set Record Parameters*** for details.

4.1.2 Record

You can record videos via the device.

Steps

1. After the device is activated, press the recording button.

   After the recording starts, if you are on the live view page, the red recording icon and 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.
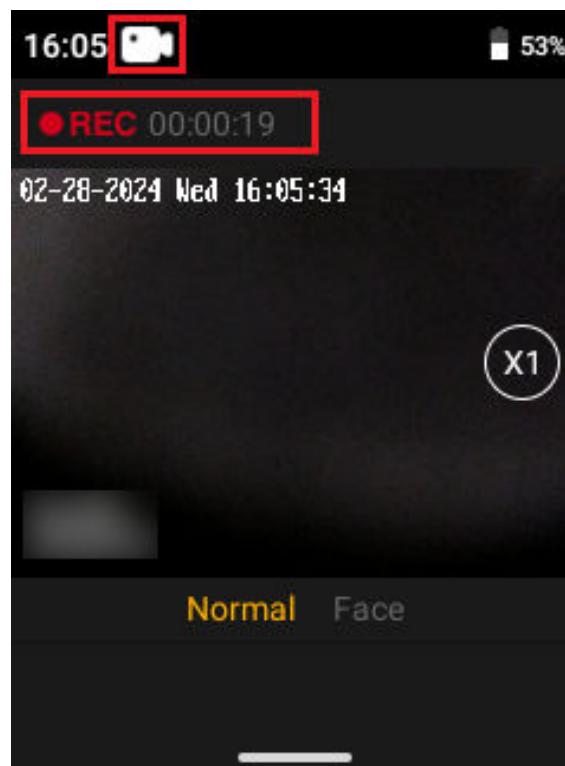
Figure 4-1 Record

2. Press the recording button again to stop recording.
3. **Optional:** Select **File MGT** on the main menu to view the recorded videos.

> [i]**Note**
> - 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, tap **Settings → Media → Video → Post-record** to set post-record time.

4.1.3 Tape

You can tape audios via the device.

Steps
1. After the device is activated, press the taping button.

   After the taping starts, if you are on **Recorder** page, you can view the taped time, and the taping icon will appear on the notification bar.
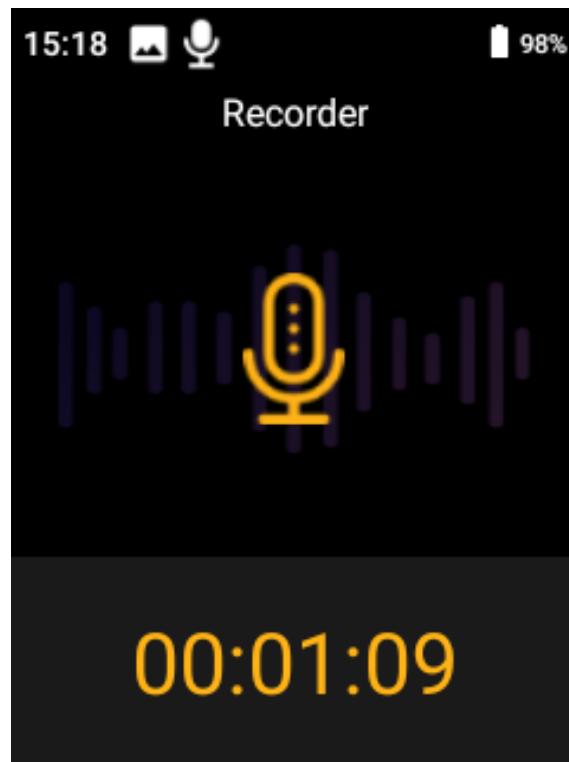
Figure 4-2 Tape

2. Press the taping button again to stop taping.

3. Optional: Select **File MGT** on the main menu to view the taped audios.

4.1.4 Capture

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: Select **File MGT** on the main menu to view the captured pictures.

4.2 Playback

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

Steps

1. Select **File MGT**.

2. Select **Video**, **Audio**, or **Picture**.
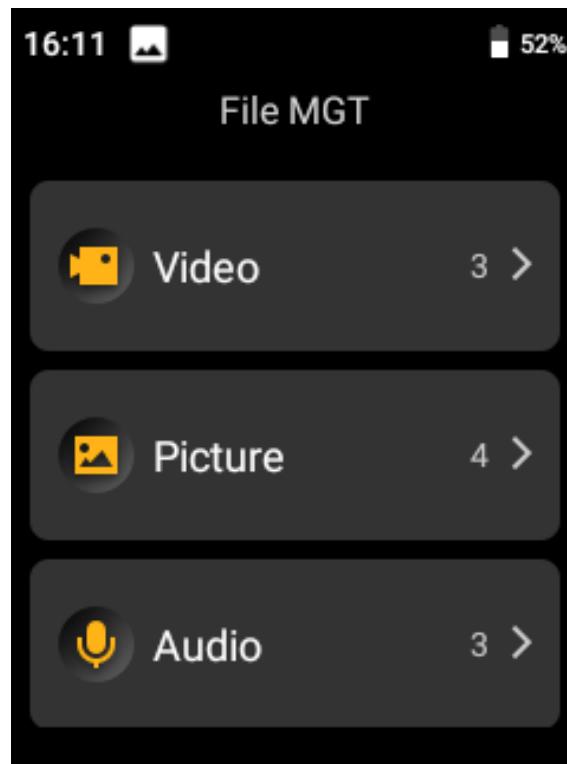
Figure 4-3 Playback

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 the playback image to pause, and tap ▶ on the image center to start.
Tag the video	Select 🔖 to set a tag for the current video. After tagging, the icon displays as the yellow color. Select the icon again to cancel the tag, and the icon displays as the white color.
Adjust the playback speed	Select 1X to adjust the playback speed. You can play back the video fast forwards or in the normal speed.
View the video information	Select ⋯ 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	Select 🔖 to set a tag for the current picture. After tagging, the icon displays as the yellow color. Select the icon again to cancel the tag, and the icon displays as the white color.
View the picture information	Select ⋯ 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	Select ▣ to pause, and select ▶ to start.
Tag the audio	Select ⚑ to set a tag for the current audio. After tagging, the icon displays as the yellow color. Select the icon again to cancel the tag, and the icon displays as the white color.
View the audio information	Select ⋯ to view the audio information including the generation time, file size, and duration.

7. **Optional:** In the picture list page, tap **Select** or hold a picture. Check the picture(s) and select 🔼 to upload the selected picture(s) to the connected platform.

4.3 Backup

You can switch the device as a USB flash drive and export files to your computer.

Before You Start
- Disable quick charging mode.
- Connect the device to the computer via a data cable.

Steps
1. Switch the device to USB mode. Refer to ___Switch USB Mode___ for details.
2. Copy the data of the device to the computer.

> **⛏ Note**
>
> - If you have set **Video Pack Format** as **ps** in **Settings → Media → Video** , 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 **Video Pack Format** as **mp4** in **Settings → Media → Video** , 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.

4.4 Set Tag

4.4.1 Set Tag During Recording, Taping, or Capturing

Set Tag During Recording or Taping

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

⎁**Note**

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 taping button first, and then press the capture button to capture a picture. The captured picture will be tagged.

4.4.2 Set Tag After Recording, Taping, or Capturing

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

Steps
1. Select **File MGT**.
2. Select the file type.
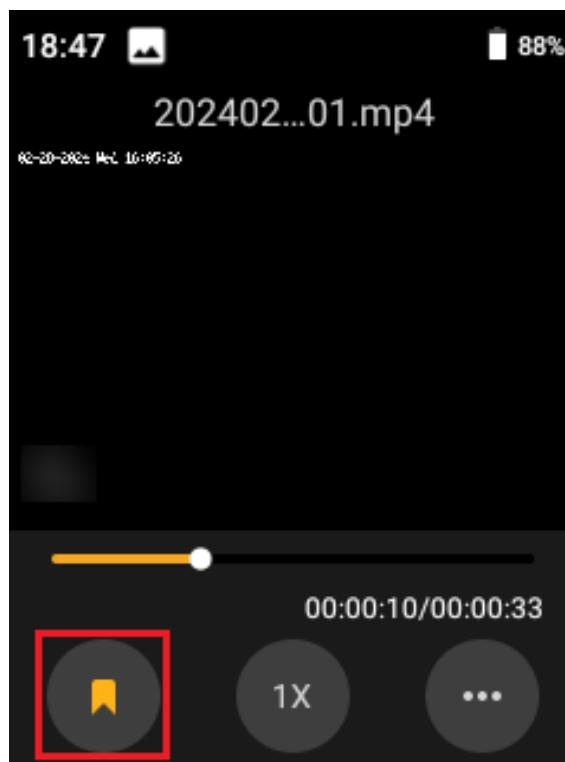3. Open the file, and select ▣ to set a tag.

Figure 4-4 Set Tag (Video for Example)

Result

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

Chapter 5 Network Settings

5.1 Dial-up

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

Before You Start
Install the SIM card.

Steps

---

i Note

Dial-up cannot be enabled in USB mode.

---

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

---

i Note

You can also swipe the screen down and select the **Mobile data** icon from the notification center to enable mobile data. After enabling, the **Mobile data** icon in the notification center is displayed as yellow color.

---

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.

   ---

   i Note

   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.

5.2 Connect to Wi-Fi

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

Steps

📖**Note**

Wi-Fi cannot be enabled in USB mode.

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

   📖**Note**

   You can also swipe the screen down and select the **Wi-Fi** icon from the notification center to enable Wi-Fi. After enabling, the **Wi-Fi** icon in the notification center is displayed as yellow color.

3. Select the Wi-Fi to connect, enter the password, and select **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 **Wi-Fi** icon from the notification center to enable or disable the Wi-Fi.

5.3 Connect to Bluetooth Earphone

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 bluetooth.

   📖**Note**

   You can also swipe the screen down and select the **Bluetooth** icon from the notification center to enable bluetooth. After enabling, the **Bluetooth** icon in the notification center is displayed as yellow color.

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.

5.4 Set Hotspot and Tethering

You can set the device as a hotspot to share network to other devices.

Steps
1. Select **Settings → Network → Network and Internet → Hotspot and Tethering** .
2. Select the tethering mode.
   - If you want to share network via Wi-Fi hotspot, select **Wi-Fi hotspot** to enable the function or swipe the screen down and select the **Hotspot** icon from the notification center to enable the function. Set **Hotspot name**, **Security**, and **Hotspot password**. Then the ⊚ icon will appear on the notification bar.
   - If you want to share network via USB data cable, enable **USB tethering**. Then the ⊞ icon will appear on the notification bar.
   - If you want to share network via bluetooth, enable **Bluetooth tethering**. Then the ⊗ icon will appear on the notification bar.

What to do next
After setting the Wi-Fi hotspot parameters, you can swipe the screen down and select the **Hotspot** icon from the notification center to enable or disable the hotspot.

5.5 Set Airplane Mode

When airplane mode is enabled, dialing, 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 it is switched to USB mode, airplane mode is enabled automatically. After you exit from Body Camera Assistant or USB mode, airplane mode is disabled automatically.

Result

The ✈ icon will appear on the notification bar.

5.6 Connect to Platform

5.6.1 Select Video Platform

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

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

⌊i⌋Note

Only ISUP5 platform is supported.

What to do next
Reboot the device to take the settings into effect.

5.6.2 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.

⌊i⌋Note

You can also swipe the screen down and select the **Video Platform** icon from the notification center to enable the function. After enabling, the **Video Platform** icon in the notification center is displayed as yellow color.

---
3. Set **Platform IP Address**, **Platform Port**, **Device ID**, and **Key**.

⌊i⌋Note

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

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 via 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.

5.7 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. After enabling, the **Location** icon in the notification center is displayed as yellow color.

3. Select **Mode**.

> **⌕ Note**
>
> If you switch the positioning mode, it will take effect after rebooting the positioning service.

Result

The 📍 icon will appear on the notification bar. If you have enabled GPS overlay in **Settings → Media → OSD → GPS Overlay** , the positioning information will be overlaid on the videos, pictures, and remote live view image.

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.

5.8 Set Network SDK

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

Steps
1. Tap **Settings → Network → Network SDK** .
2. Tap **Registration** to enable the function.
3. Set **Communication Port**.

What to do next
Reboot the device to take the settings into effect.

5.9 Set Ping Test

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

Steps
1. Tap **Settings → Network → Ping Test** .
2. Enter target host address (IP address or domain name).
3. Tap **START**.
4. Check **Enable Info. Auto Scrolling**.

   The information will scroll to display automatically.

Chapter 6 Media Settings

6.1 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.

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.

Overwritten Record

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

⚠ **Caution**

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

Pre-record

Set the time to record before the recording start time.

Post-record

Set the time to record after the recording end time.

6.2 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.

6.3 Set Camera Parameters

You can set picture auto upload, camera sound, and image resolution.

Before You Start

If you want to upload the captured pictures to the platform, connect the device to platform first. Refer to ***Connect to ISUP Platform*** for details.

Steps

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

Picture Auto Upload

The captured pictures will be uploaded to the platform automatically.

Enable Camera Sound

There will be sound when you capture pictures.

Image Resolution

Select the resolution of the captured pictures.

6.4 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.

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.

Camera Name

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

Custom OSD

Enable **Custom OSD**, and set the OSD information. Then after you have switched the device to the USB mode, you can view the custom OSD information overlaid on the videos and pictures copied to the connected computer.

6.5 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.

6.6 Set USB Camera

If you enable USB camera, the lens component focusing will adopt USB image to avoid the conflict when adopting Wi-Fi.

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.

6.7 Set 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.

Chapter 7 System Settings

7.1 Set Voice Prompt

You can enable or disable the voice prompt when you record, tape, or set tag.

Steps
1. Tap **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 and taping, or when you start or stop tag, there will be voice prompt.

7.2 Enable Indicator

Enable indicator to indicate the device status.

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

Note

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

7.3 Set Volume

You can adjust the volume of recording, taping, 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.

7.4 Adjust Screen Brightness

Swipe the screen down to open the notification center. Adjust screen brightness at
 .

7.5 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. Select the **Flashlight** icon to enable or disable the flashlight.

7.6 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 select **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.

7.7 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 8 to 16 characters.
- The password should contain at least 2 of the following types: digits, lowercase letters, uppercase letters and special characters.

- Do not contain following characters in the password: the user name, 123, admin (case-insensitive), 4 or more continuously increasing or decreasing digits, or 4 or more consecutively repeated characters.
- The password strength of the device can be automatically checked. In order to increase the security of your product, we highly recommend you change the password of your own choosing. And we recommend you change your password regularly, especially in the high security system, changing the password monthly or weekly can better protect your product. Proper configuration of all passwords and other security settings is the responsibility of the service provider and/or end-user.

3. Select **OK**.

What to do next

After changing the password, use the new password for the operations to enter the admin password.

7.8 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. Tap **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.

7.9 Set USB Debug

If you want to view the debug log, enable USB debug mode.

Steps

1. Tap **Settings → System → USB Debug** .

2. Select **Enable** or **Disable**.

7.10 Switch USB Mode

You can switch the device to USB mode to import or export data.

Before You Start

Connect the device to the computer via a data cable.

Steps

1. Select **Settings → System → USB Flash Drive Options → USB Flash Drive Mode** .

2. Select **Enable USB Flash Drive Mode**.

What to do next
The device is used as a USB flash drive, and you can import or export data.

7.11 Set Auto USB Mode

If you enable the auto USB mode, when you connect the device to the computer via the data cable, the device will switch to the USB mode automatically.

Steps
1. Select **Settings → System → USB Flash Drive Options → Auto USB Mode** .
2. Enable or disable the function.

7.12 Set Read-Only USB Mode

After switching to the USB mode, you can set the video, audio, and picture files to be copied to the computer only, but cannot be deleted locally.

Steps
1. Tap **Settings → System → USB Flash Drive Options → USB Device Read-Only** .
2. Select **Enable** or **Disable**.

   Enable

   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

   After switching to USB mode, the video, audio, and picture files can both be copied or cut.

7.13 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.

7.14 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.

7.15 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.

Chapter 8 Face Picture Capture and Comparison

The device can capture face pictures automatically and upload the pictures to face picture comparison server to compare. The server will feedback the face picture comparison result to display.

8.1 Capture Face Picture

You can capture face pictures via the device.

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 **Face** on the live view page.
2. Capture a face picture.

   📖**Note**

   The captured pupil distance should be larger than 40 pixels. If capture failed, adjust the distance between the lens and the captured target.

   - The device captures the face pictures in the scene automatically, and upload them to the platform. If 🔶 appears on the lower right corner of the captured picture on the page bottom, it means uploading failed. If ⊘ appears, it means uploading succeeded.
   - If the captured face picture matches with the face picture in the server face picture library, the alarm information will pop up on the page.
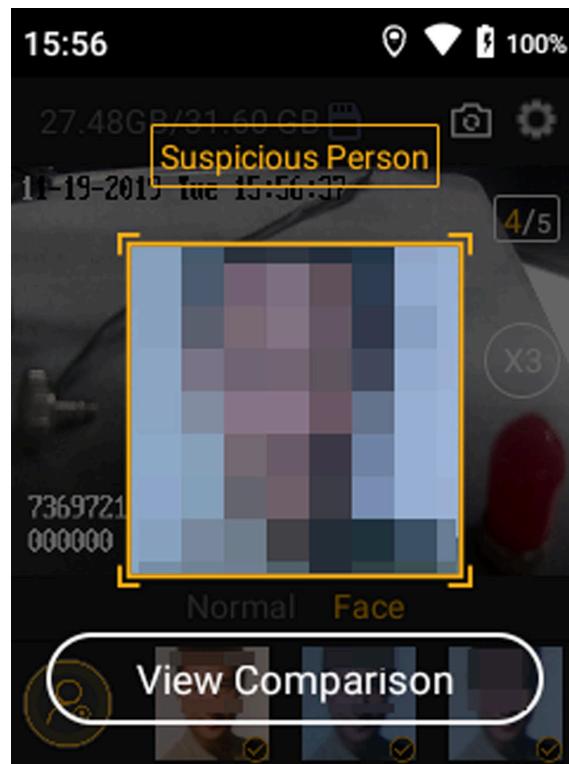
Figure 8-1 Face Picture Matching Alarm

3. **Optional:** If multiple pictures are captured, swipe the screen from left to right to view more pictures.

8.2 Compare Face Picture

After the captured face picture is uploaded to the ISUP platform, the picture will be compared with the pictures in the server face picture library.

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 **View Comparison** on the popped up alarm information.
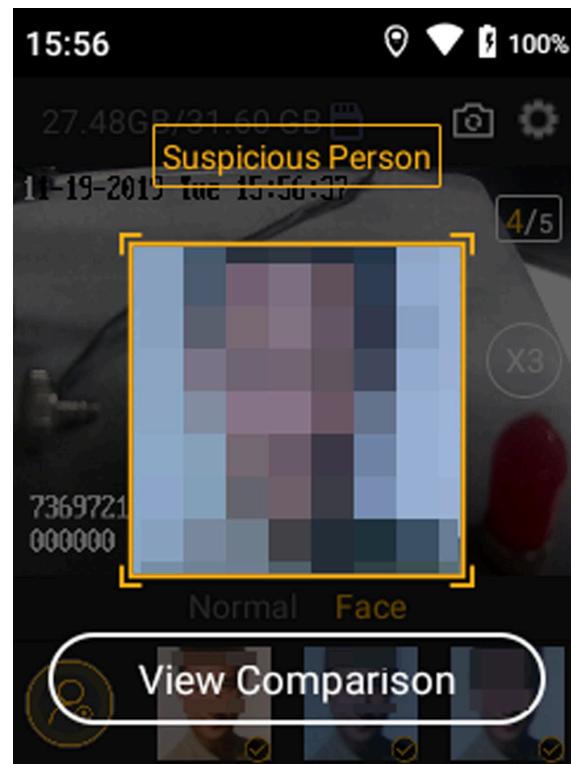
Figure 8-2 Face Picture Matching Alarm

2. View the comparison result. You can view the target face picture and information in the face picture library, the captured face picture, and the matching similarity of the captured picture and target picture.
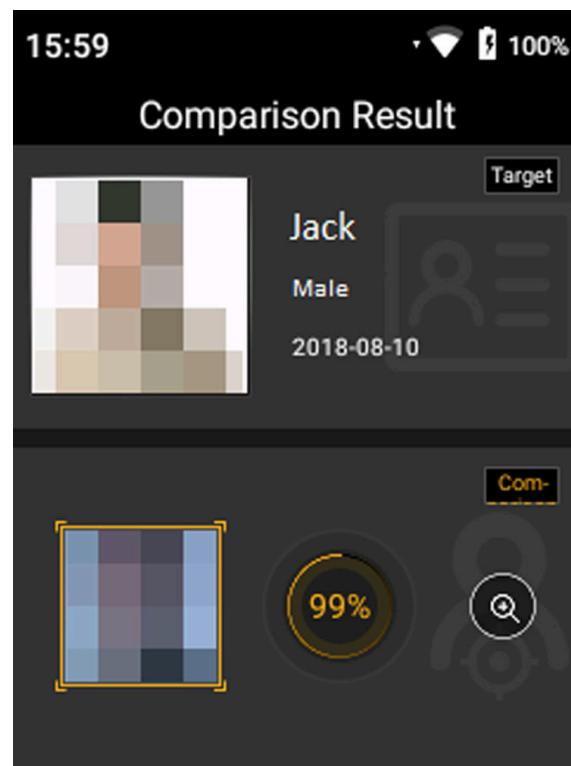
Figure 8-3 Comparison Result

3. **Optional:** Tap 🔍 to view the capture scene.

4. **Optional:** Tap 👥 on the lower left corner of **Face** page to view the historical alarm information. Select a picture to view the comparison result.
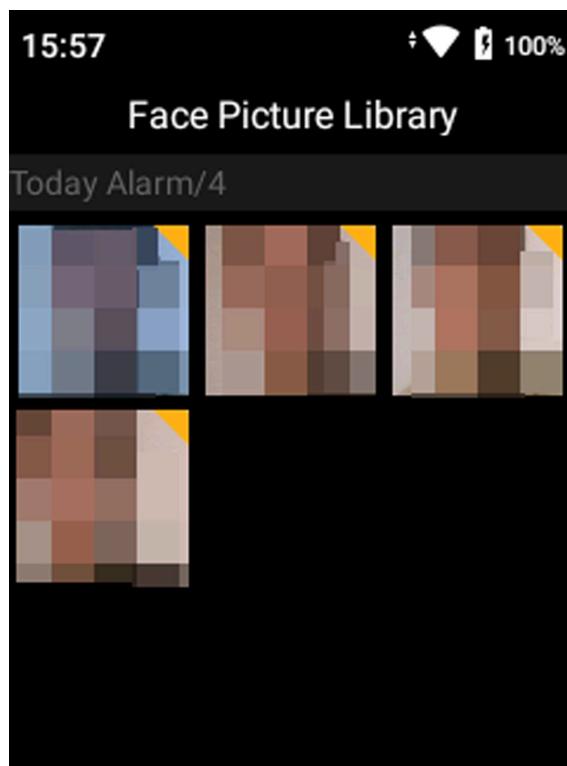
Figure 8-4 Face Picture Library

8.3 Set Background Identification

If you want to continue the face picture comparison after locking the screen or exiting the face 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 **Face** on the live view page.
2. Select 0/0 .
3. Check **Background Identification**.
4. Select **Save**.

Chapter 9 Maintenance

9.1 Upgrade

You can upgrade the device version.

Before You Start
- Import the upgrade file to the device.
- Ensure the device battery power is larger than 20%.

Steps
1. Select **Settings → Device → System Upgrade** .
2. Select **SELECT UPGRADE PACKAGE**.
3. Select the upgrade file from the saved path.
4. Select **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 Export Log

You can export log to the local storage.

Steps
1. Tap **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_date_log.zip", such as "error_20191219_log.zip".

9.3 Export Battery Status Information

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

Steps
1. Tap **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 internal SD card.

9.4 Restore Device Settings

You can restore the device to default settings or factory settings.

Steps
1. Select **Settings → Device → Param Reset** .
2. Select restoration mode.

   Restore Factory

   Select **Restore Factory**, and select **OK** to restore all the parameters to the factory settings.

   Restore Defaults

   Select **Restore Defaults**, and select **OK** to restore the parameters except network parameters, bluetooth, admin password, etc. to the factory settings.

Result

The device will reboot automatically.

9.5 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 in the local storage.

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

9.6 View Application

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

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

9.7 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. Select **Auto Date & Time**.
3. Select auto time synchronization mode.
   - Select **Use Network** to synchronize the device time with the network time if the device has been connected to the network.
   - Select **Use GPS** to synchronize the device time with the satellite time if the device has been enabled GPS.
   - Select **Disable** to set **Data** and **Time** manually.
4. Select **Time Zone** to set the time zone.

9.8 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.

9.9 Shut down and Sleep

9.9.1 Shut down

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

9.9.2 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.

9.9.3 Sleep Manually

After the device starts up, press the on/off button to sleep the device.

9.9.4 Sleep Automatically

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

Steps

1. Tap **Settings → System → Power Options → Sleeping** .

2. Select time.

⬚**i****Note**

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.

9.9.5 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.

See Far, Go Further