Yealink RoomConnect User Guide V3.0

Contents

About This Guide

This guide is intended for the administrators who need to configure and manage MVC system or Zoom Rooms system.

This guide applies to all the devices of MVC system or Zoom Rooms system.

Introduction of Yealink RoomConnect

As a software running on the mini-PC, Yealink RoomConnect can automatically identify the devices connected to the MVC system (MVC and MVC II series) and Zoom Rooms system, including MShare, MTouch II, cameras, or audio devices, providing you with the camera management and other advanced settings.

Before using Yealink RoomConnect, you need to log into Windows as the administrator. You can manage all the devices directly on Yealink RoomConnect, including the Camera-Hub, UVC cameras, MShare, VCM38, VCM34, MSpeech, CP900, CPW90-BT, Soundbar, CP960, and MTouch II. Also, you can manage devices, diagnose devices, and view the alarm on Yealink Device Management Platform (YDMP)/ Yealink Management Cloud Service (YMCS) if you connect all the devices to YDMP/YMCS via Yealink RoomConnect.

Yealink RoomConnect is installed on the mini-PC by default, and you can update Yealink RoomConnect by using Windows update or enabling the auto-update.

The detailed information in this guide applies to Yealink RoomConnect in version 2.2.33.0 or later.

The firmware version of the devices connected to the MVC or Zoom Rooms system should meet the following requirements:

- Camera-Hub: 84.421.0.5.rom or later
- UVC86: 151.410.0.5.rom.rom or later
- UVC84: 262.410.0.15.rom or later
- UVC80/UVC50: 92.421.0.5.rom or later
- UVC30: 128.410.0.10 or later
- UVC30: 105.420.0.5.rom or later
- Content Camera: 105.421.0.5.rom or later
- MShare: 94.421.0.10.rom or later
- MTouch II: 126.410.0.3.rom or later
- MSpeech: 136.410.0.10.rom or later
- CP900: 100.420.0.5.rom or later
- CP960 (Zoom Room version): 73.30.0.30.rom or later

Note: If your firmware version is lower than the requirements, you need to upgrade them first before connecting them to Yealink RoomConnect.

Summary of Changes

Changes for Guide Version 3.0

Major updates have occurred to the following sections:

- Enabling/Disabling Tracking Feature
- Enabling/Disabling Presenter Mode
- Enabling/Disabling PIP Mode

The following sections are new for this version:

- Enabling/Disabling Voice Tracking
- Setting the Presenter Tracking mode
- Audio Processing

Changes for Guide Version 2.6

Major updates have occurred to the following sections:

- Enabling/Disabling Presenter Mode

The following sections are new for this version:

- Audio Settings
- Enabling/Disabling PIP Mode
- Controlling the Remote Device
- Device Diagnosis
- Setting a Camera Preset as Default
- Adjusting the UVC34 FOV
- Upgrading Device via AVHub
- Viewing the Camera information via AVHub
- Renaming the UVC86/UVC84 Camera via AVHub

Changes for Guide Version 2.5

Major updates have occurred to the following sections:

- Introduction of Yealink RoomConnect
- Enabling/Disabling Tracking Feature

The following sections are new for this version:

- Setting Priority Zone Trigger
- Setting Tracking Object Ratio
- Lens Calibration

Changes for Guide Version 2.4

UVC84 camera, MVC940, MVC840, MVC640, and MVC320 are new to this guide.

Major updates have occurred to the following sections:

- Setting the Auto Update

Changes for Guide Version 2.2

UVC40 camera is new to this guide.

The following sections are new for this version:

- Connecting UVC40 to YMCS/YDMP
- Setting the Wireless Network for UVC40/UVC34
- Enabling/Disabling Manual Control Mode
- Managing Certificates for UVC40

Major updates have occurred to the following sections:

- Presets
- Connecting to Yealink Management Cloud Service (YMCS)/Yealink Device Management Platform (YDMP)
- Enabling/Disabling Tracking Feature
- Exposure

Changes for Guide Version 2.1

UVC30 Content Camera and MTouch II are new to this guide.

The following sections are new for this version:

- Setting the Content Camera Mode
- Renaming UVC30
- Managing MTouch II

Major updates have occurred to the following sections:

- Introduction of Yealink RoomConnect

Before You Begin

Only administrators have permission to use Yealink RoomConnect to manage the devices in the MVC system or the Zoom Rooms system. After signing in Windows as an administrator, you can set preset positions and specify the advanced settings for your camera on Yealink RoomConnect. In addition, you can view the information of the connected devices, for example the firmware version.

If you want to efficiently manage, monitor, and diagnose Yealink devices, you need to connect Yealink RoomConnect to YMCS or YDMP.

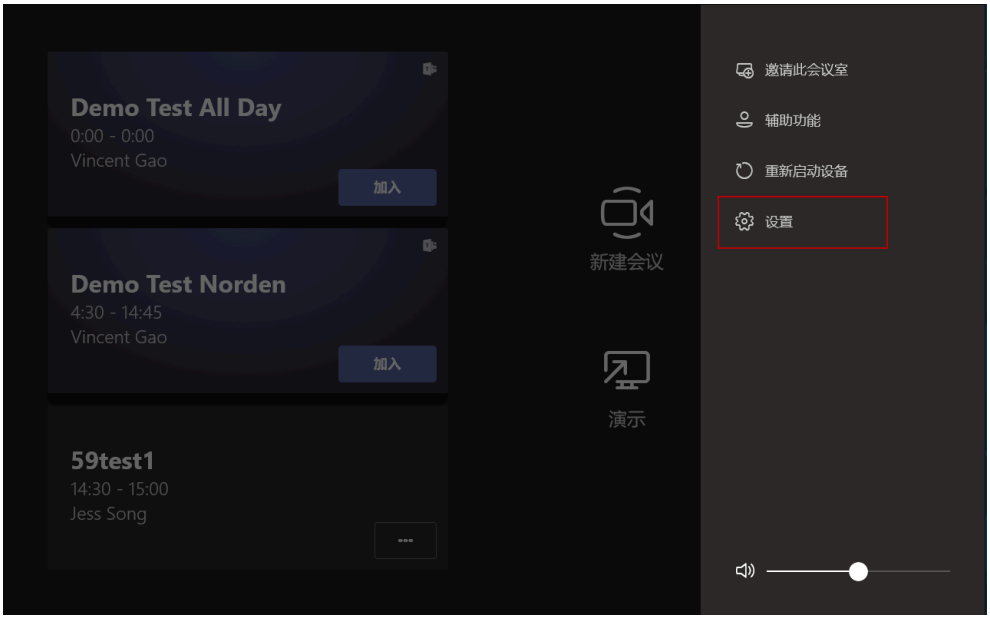
- Administrator Sign-in of MVC System
- ZoomRoomsAdmin Sign-in
- Accessing the Yealink RoomConnect

Administrator Sign-in of MVC System

Skype user account is the default account running on the Microsoft Teams Rooms app. If you want to use Yealink RoomConnect, you need to switch to the administrator account.

Procedure

1. Tap **More** > **Setting**.



2. Enter the administrator password (default: sfb) to Enter the the Settings page.
3. Tap **Windows Settings**.
4. Select **Administrator** from the bottom-left corner.
5. Enter the administrator password (default: sfb) and then sign in.
   The mini-PC will return to the Windows operation interface.

ZoomRoomsAdmin Sign-in

ZoomRooms account is the default account running on the Zoom Rooms system. If you want to use Yealink RoomConnect, you need to switch to the administrator account.

For ZVC800 ZVC500 ZVC300 Zoom Rooms Kit:

1. Press **Ctrl+Alt+Delete** on the keyboard and tap **Sign out**.
2. Select the **ZoomRoomsAdmin** account from the bottom-left corner and Enter the password (default: zoom123) to return to the desktop.

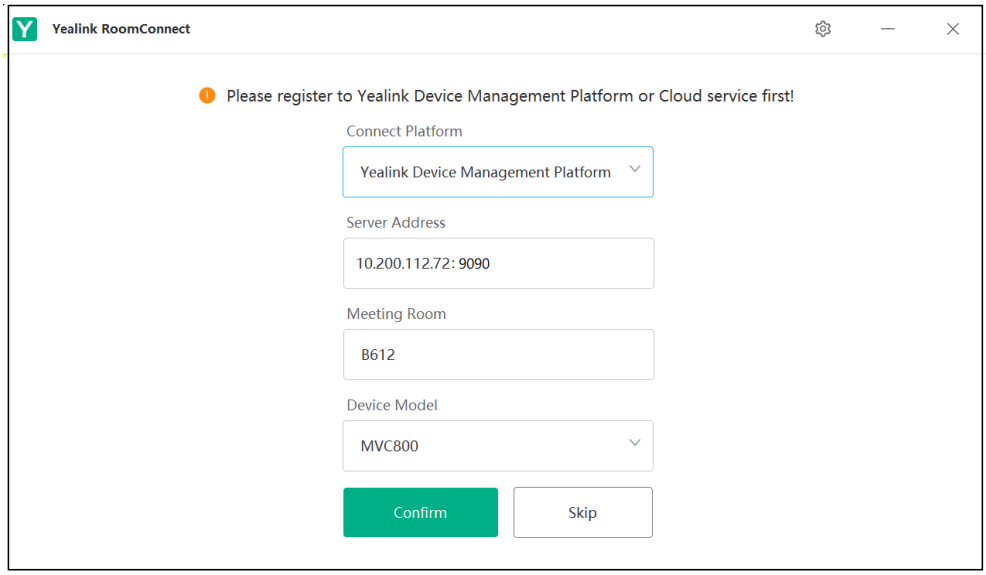
For ZVC830 Zoom Rooms System:

1. Tap **Setting**.
2. If the **Lock Settings** is enabled, Enter the room password.
3. Tap **Windows Settings**.
4. Select the **ZoomRoomsAdmin** account from the bottom-left corner and Enter the password (default: zoom123) to return to the desktop.

Accessing the Yealink RoomConnect

Procedure

1. Sign in your MVC system or Zoom Rooms system as an administrator.
2. On the Windows operation interface, run **Yealink RoomConnect**.
3. If you access the Yealink RoomConnect for the first time, tap **Skip** to Enter the the user interface directly or log into YMCS or YDMP to manage the devices.



Related tasks

Administrator Sign-in of MVC System

Logging into YMCS/YDMP

Related information

ZoomRoomsAdmin Sign-in

Connecting to Yealink Management Cloud Service (YMCS)/Yealink Device Management Platform (YDMP)

The Yealink RoomConnect plug-in supports the unified management of the MVC system and the Zoom Rooms system connected to YMCS and YDMP.

- Logging into YMCS/YDMP
- Connecting UVC40 to YMCS/YDMP
- Update the Connection to YMCS/YDMP
- Disconnecting from YMCS/YDMP
- Controlling the Remote Device

Logging into YMCS/YDMP

Procedure

1. Tap from the top-right corner and select **Config DM Server**.
2. Select the desired platform.
   - If you select **Yealink Management Cloud Service**, enter the enterprise ID.

     You can log into YMCS and get the enterprise ID from the account information.
   - If you select **Yealink Device Management Platform**, enter the server address.
3. Enter the name of meeting room.
4. Select the desired device model.
5. Tap **OK**.
   The system will connect to the YMCS/YDMP.

Connecting UVC40 to YMCS/YDMP

After you connect UVC40 to the network, you can connect it to YMCS/YDMP.

Procedure

1. Tap UVC40 on the home page.
2. Select **Management**.
3. Select **Yealink Management Cloud Service** or **Yealink Device Management Platform** from the drop-down menu of **Connect Platform**.
4. Select the desired platform.
   - If you select **Yealink Management Cloud Service**, Enter the enterprise ID.

     You can log into YMCS and get the enterprise ID from the account information.
   - If you select **Yealink Device Management Platform**, Enter the server address.
5. Enter the name of meeting room.
6. Tap **Confirm**.
   The system will connect to the YMCS/YDMP.

Related information

Connecting to Wireless Network

Update the Connection to YMCS/YDMP

After connecting to YMCS/YDMP, if you need to rename the meeting room or re-select the device model, you can update the connection to YMCS/YDMP.

Procedure

1. Tap from the top-right corner and select **Config DM Server**.
2. Edit the meeting room name and select the corresponding device model,
3. Tap **Update**.

   The page prompts whether or not you are sure to update.

4. Confirm the action.
   The system will update the connection to the YMCS/YDMP.

Disconnecting from YMCS/YDMP

Procedure

1. Tap from the top-right corner and select **Config DM Server**.
2. Tap **Unregister**.

   The page prompts whether or not you are sure to exit the current platform.
3. Confirm the action.
   The system will disconnect from YMCS/YDMP.

Controlling the Remote Device

- Authorizing Remote Screenshot
- Authorizing Remote Desktop

Authorizing Remote Screenshot

You can enable the Remote Screenshots feature on the Yealink RoomConnect. After the feature is enabled, the administrator has the right to take remote screenshots.

Procedure

1. Tap from the top-right corner and select **Config DM Server**.
2. Check **Authorize Remote Screenshot**.

Authorizing Remote Desktop

You can enable the Remote Desktop feature on the Yealink RoomConnect. After the feature is enabled, the administrator has the right to configure and diagnose the video system.

Procedure

1. Tap from the top-right corner and select **Config DM Server**.
2. Check **Remote Desktop**.

Managing Cameras

Yealink RoomConnect can automatically detect the camera once the camera is connected to the MVC system or the Zoom Rooms system. With PTZ camera, you can set up preset positions, which helps you to quickly point the camera to the pre-defined location during meetings.

Also, you can view the status of your camera and configure the advanced settings, for example exposure and graphics.

- Setting UVC30

Setting UVC30

Setting the Content Camera Mode

You can use the UVC30 camera as the primary camera in the meeting room or as a content camera if you enable the content camera mode.

About this task

When the UVC30 Room is used as a whiteboard camera, you cannot perform PTZ control, and cannot use the preset, people counting and auto-framing.

Procedure

1. Tap the desired UVC30 camera on the home page.
2. Enter the **Advanced** > **Others**.
3. Select **ON** or **OFF** from the drop-down menu of **Content Camera Mode**.
4. Save the change.

Renaming UVC30

If you use UVC30 as the content camera, you can customize the name of UVC30 to distinguish from other UVC30 as the primary cameras.

Procedure

1. Tap the desired UVC30 camera on the home page.
2. Tap **Device Status.**
3. Tap **Rename**.
4. Enter the camera name.

5. Tap **Confirm**.

Setting the Wireless Network for UVC40/UVC34

You can use the following two methods to connecting UVC40/UVC34 to the wireless network:

- Connecting to an available wireless network
- Connecting to a hidden wireless network

When the system connects to a wireless network, the Wi-Fi icon will display on the status bar. The Wi-Fi icon indicates the signal strength. The more arcs you see, the stronger the signal strength is.

- Connecting to Wireless Network
- Viewing the Wireless Network Status
- Deleting a Saved Wireless Network

Connecting to Wireless Network

- Connecting to Wireless Network
- Connecting to a Hidden Wireless Network

Connecting to Wireless Network

You can search the desired wireless network and connect your device to the network.

Procedure

1. Tap UVC40/UVC34 on the home page.
2. Select **Wi-Fi**.
3. Enable **Wi-Fi**.
   The system will automatically search for available wireless networks in your area.
4. Select the desired wireless network (SSID) and connect to it.
   If the network is secure, enter its password and join the network.

Connecting to a Hidden Wireless Network

Some wireless networks do not broadcast their SSIDs, which makes them unavailable to find. In order to connect to one of those networks, you need to connect to one of them manually.

Procedure

1. Tap UVC40/UVC34 on the home page.
2. Select **Wi-Fi**.
3. Enable **Wi-Fi**.
4. Select **Other**.
5. Enter the name of the wireless network.
6. Select the desired mode from the drop-down menu of **Security Mode**.
7. Configure the corresponding parameters.
8. Select **Join to Network**.

Viewing the Wireless Network Status

You can view the information of the connected wireless network.

Procedure

1. Tap UVC40 on the home page.
2. Enter the **Wi-Fi** > **Wi-Fi Status**.

Deleting a Saved Wireless Network

About this task

UVC40 saves the Wi-Fi that has been connected ever automatically. To avoid UVC40 connecting to a saved wireless network automatically, you can delete a saved wireless network. Next time you need to Enter the Wi-Fi password to connect the Wi-Fi.

Procedure

1. Tap UVC40 on the home page.
2. Enter the **Wi-Fi** > **Known Network(s)**.
3. On the pop-up window, tap  beside the desired network to delete.

Adjusting the UVC34 FOV

FOV means Field of View.

Procedure

1. On the home page, tap the desired camera and select **Device Settings**.
2. Tap **Field of View**.
3. You can configure the UVC34 with 70°, 90° or 120° FOV as required.

Enabling/Disabling Tracking Feature

About this task

The tracking feature contains auto framing, voice tracking and presenter tracking. If you disable the tracking feature, you can manually control the camera, focal length, etc.

Procedure

1. Tap the desired camera on the home page.
2. If you are using MVC940/MVC900/MVC900 II, select the corresponding UVC84/UVC80 camera.
3. Enter the **Device Settings**.

4. Enable the **Tracking Mode**.

Mode	Auto Framing	Model
Auto Framing	With the real-time face detection and position tracking, the auto framing feature can automatically adjust the camera according to the number and the position of the participants, covering every participant in the conference.	UVC86, UVC80, UVC84, UVC50, UVC40, UVC34, UVC30
Voice Tracking	The voice tracking feature, based on the auto framing feature, can automatically detect the speaking participant and zoom in his video image, providing an optimal close-up of the speaker.	UVC86, UVC40
Presenter Tracking	he presenter tracking frames the main speaker in your meeting room and follows the speaker when the speaker moves.	UVC86

If you are using a UVC86/UVC84/UVC40 camera, you can set the tracking speed to **Fast/Middle/Slow**.

Note: The settings among the cameras of MVC940/MVC900/MVC900 II are independent from each other. In other words, the settings of other cameras remain unchanged, even though you change the settings of one camera.

Lens Calibration

You need to calibrate the lens in advance before enabling presenter tracking, auto framing, and voice tracking.

About this task
It is only applicable to UVC86.

Procedure

1. Select **Device Settings**.
2. Select **Lens Calibration**.
3. Select **OK**.

Note: When you calibrate the lens, please make sure that there are no other things within 3 meters in front of the lens. Otherwise, it will be prompted that **Lens calibration failed, please try to recalibrate**.

Enabling/Disabling Voice Tracking

Enabling the tracking feature in the Yealink RoomConnect application to select and set the voice tracking mode.

It is only applicable for UVC86/UVC40.

- Enabling/Disabling PIP Mode
- Setting Tracking Speed
- Dialogue Mode

Setting Tracking Speed

You can set the tracking speed to **Fast**/**Middle**/**Slow**.

About this task

Please make sure that you have enabled Tracking Feature and selected Voice Tracking.

Procedure

1. Tap the desired device on the home page.
2. Select **Device Settings**.
3. Select **Tracking Speed** to select speed.

Dialogue Mode

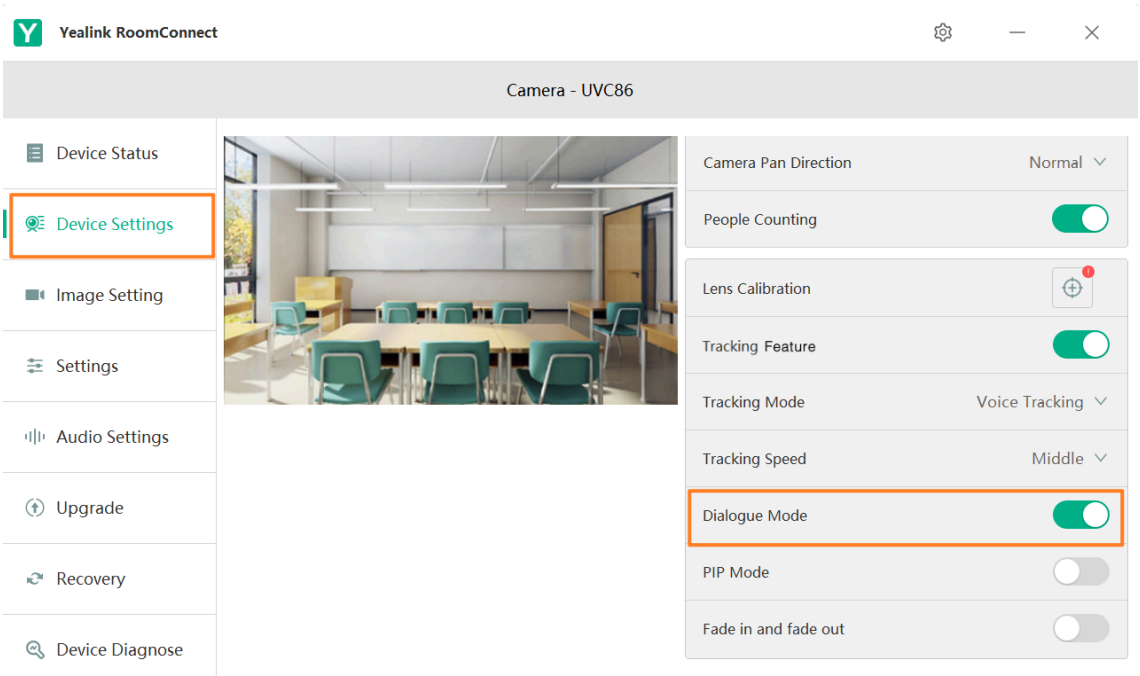
When two people are talking, the camera recognizes and focuses on the two speakers; when only one person is speaking, the camera only focuses on the speaker.

About this task

- Please make sure that you have enabled Tracking Feature and selected Voice Tracking.
- It is only applicable for UVC86.

Procedure

1. Tap the desired device on the home page.
2. Select **Device Settings**.
3. Enable/disable **Dialogue Mode**.



Enabling/Disabling Presenter Mode

Enabling the tracking feature in the Yealink RoomConnect application to select and set the presenter tracking mode.

About the task:

It is only applicable for UVC86.

To ensure the best performance of presenter mode, do the following:

- Place the device within 10 m of the speaker.
- Position the device so the camera is level with the speaker's upper chest instead of eye level. This enables the camera to capture most of the speaker's body along with the presentation background.
- If you position the camera at the speaker's eye level, the device may be positioned too high to capture all the content on the screen. If you position the camera lower than the speaker's upper chest, the speaker's head may not appear in the camera view.
- The system can track the presenters when they're facing away from the camera, but tracking works best when the presenter faces the camera.
- The system can track presenters wearing face coverings or glasses.
- If the camera tracking isn't functioning as expected, try turning presenter mode tracking off and back on again.

- Setting the Presenter Tracking mode
- Setting Trigger Mode

Setting the Presenter Tracking mode

The Presenter Tracking mode contains Wide Area Tracking, Segment Tracking and Stage Tracking. You can select one of them as needed.

- Wide Area Tracking
- Segment Tracking
- Stage Tracking

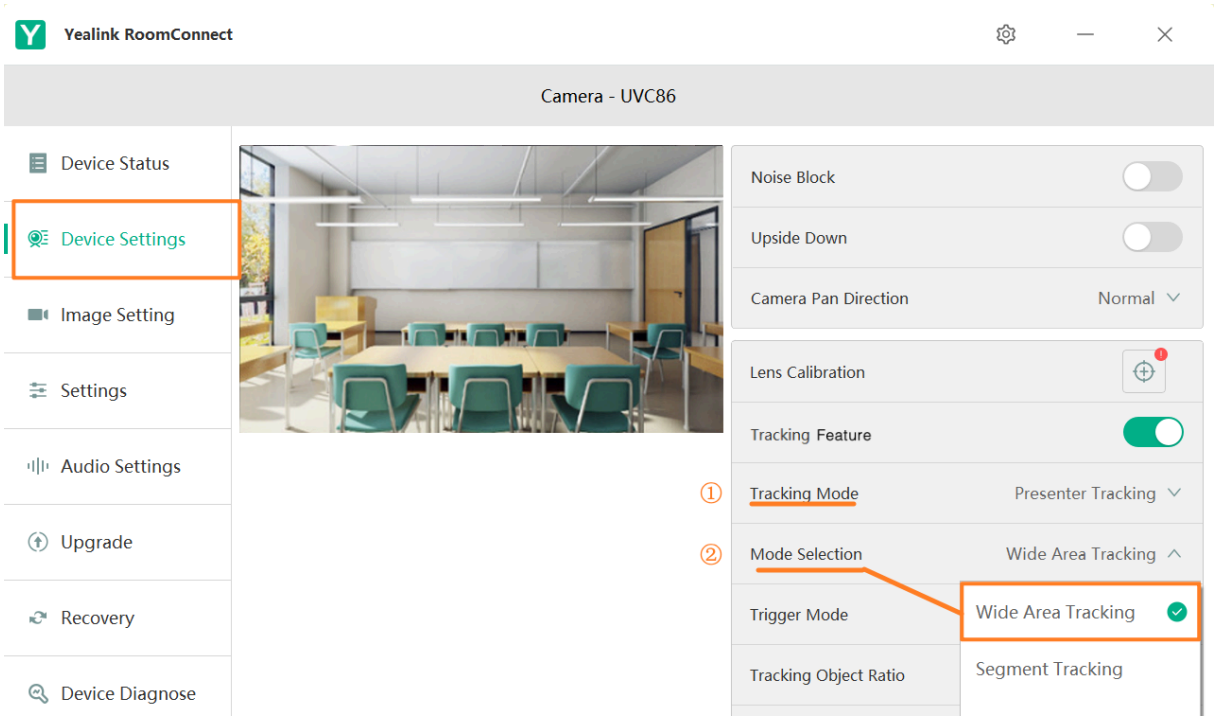
Wide Area Tracking
The Presenter Tracking defaults to Wide Area Tracking, and the camera can track the speaker over the entire area.

About this task
Please make sure that you have enabled the Tracking Feature.

Procedure

1. Tap the desired device on the home page.
2. Select **Device Settings** > **Tracking Mode** > **Presenter Tracking**.

3. Select **Mode Selection** > **Wide Area Tracking**.



Segment Tracking
Create multiple segments that allow for immediate recognition and tracking of your target as they move between segments, perfectly capturing the content on display rather than your presenter.

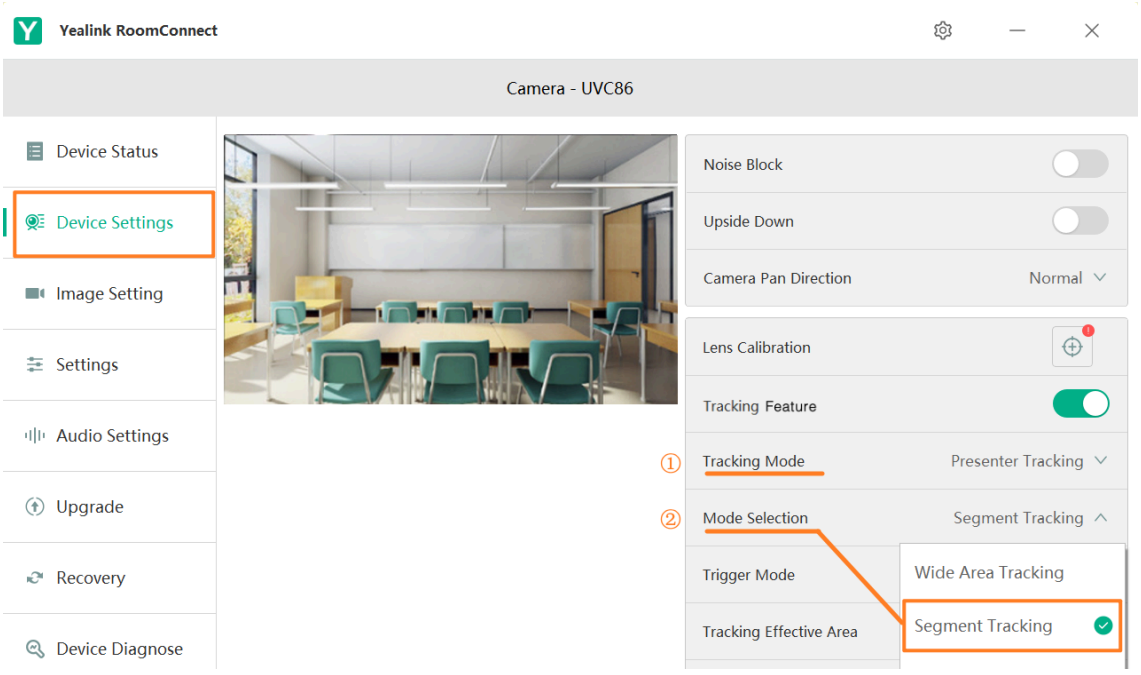
About this task
Please make sure that you have enabled the Tracking Feature.

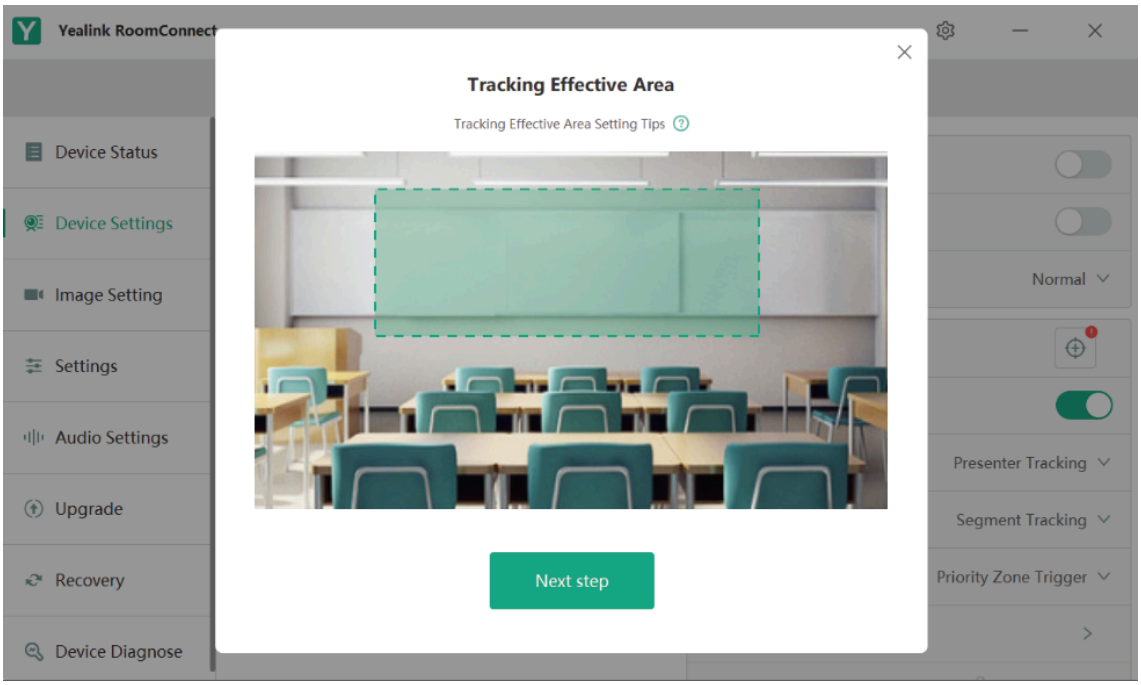
Procedure

1. Tap the desired device on the home page.
2. Select **Device Settings** > **Tracking Mode** > **Presenter Tracking**.
3. Select **Mode Selection** > **Segment Tracking**.

4. Select **Tracking Effective Area**. You can use your finger or a mouse to drag and select the tracking area on the screen, and select **Next step**.

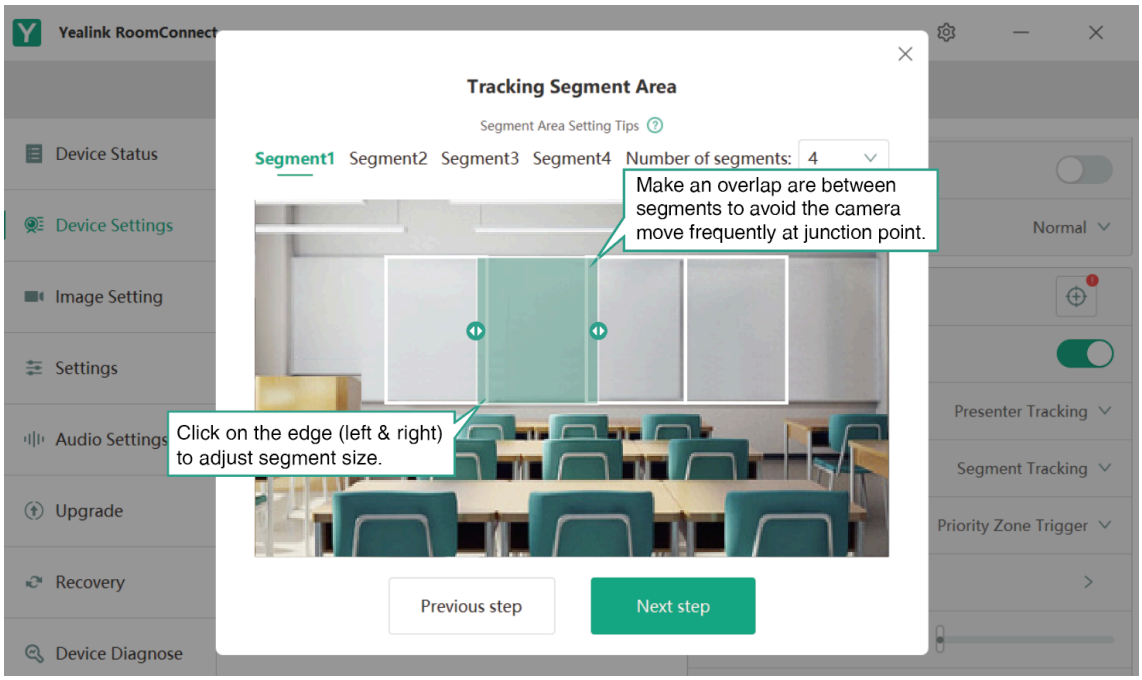
   If you need to change the selected area, reselect the area.





5. Set the number of segments according to your need (1-4).
6. Use your finger or mouse to select the effective segment. Select **Next step**.

Note: It is recommended to make an overlap between segments to avoid the camera frequently moving at the junction point.



7. You can do the following to set the preset positions for each segmented area:
   a. Use / / / to adjust the presenter position.
   b. Use / to zoom in or zoom out the presenter.

   If you want to cancel the current settings, select to restore the camera settings.
8. Select **Finish**.

Stage Tracking

The camera will start tracking when there is a presenter moving in the effective area.

About this task

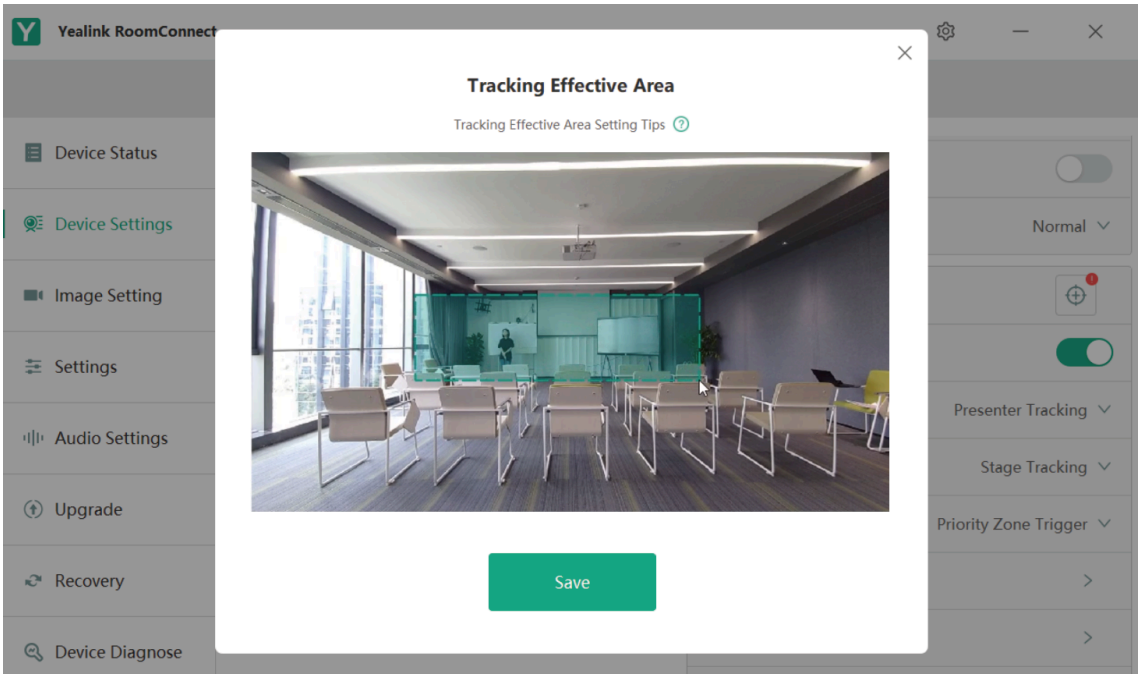
Please make sure that you have enabled the Tracking Feature.

Procedure

1. Tap the desired device on the home page.
2. Select **Device Settings** > **Tracking Mode** > **Presenter Tracking**.
3. Select **Mode Selection** > **Stage Tracking**.

4. Select **Tracking Effective Area**. You can use your finger or a mouse to drag and select the tracking area on the screen, and select **Save**.

   Note: If you need to change the selected area, reselect the area.



   Note: If you want to set the presenter's ratio is displayed on the screen, please refer to Setting Tracking Object Ratio.

Setting Trigger Mode

The presenter mode includes the priority zone trigger and gestures trigger, and you can choose one of the triggers as your need.

- Setting Priority Zone Trigger
- Setting Gestures Trigger
- Setting Tracking Object Ratio
- Setting Time out
- Setting Sensitivity for Presenter Tracking

Setting Priority Zone Trigger

You can use your finger or a mouse to select the priority area on the screen (The presenter tracking will be enabled only if the presenter appears in the trigger zone). When multiple people appear in the priority zone, the camera will randomly choose one of them as the presenter.

About this task

Please make sure that you have enabled the Tracking Feature and selected the Presenter Tracking.

Procedure

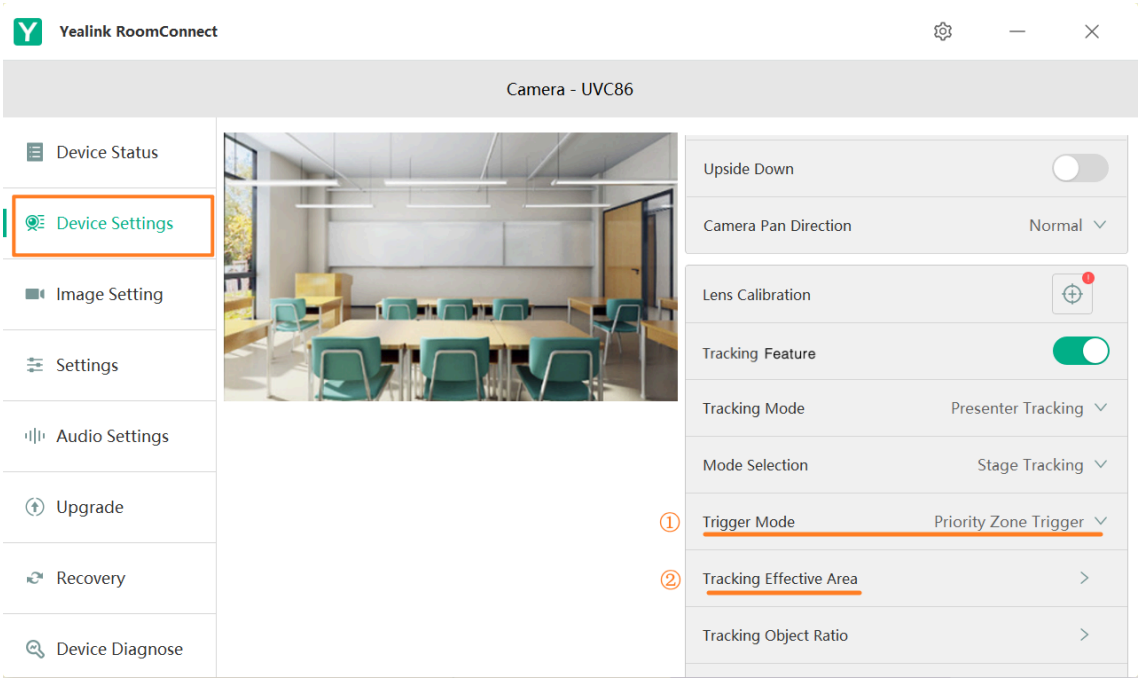
1. Tap the desired device on the home page.
2. Select **Device Settings** > **Trigger Mode**.
3. Select **Priority Zone Trigger**.
4. Select **Presenter Tracking Area**.

5. Click **Save**.

   If you want to cancel the selection, you can click the unselected area of the screen to cancel.

   If you want to set the presenter proportion that appears on the screen, refer to Setting Tracking Object Ratio.

Results
When the camera successfully selects the presenter, the camera indicator flashes red and green three times.



Setting Gestures Trigger
When you raise your hand for more than 2 seconds, the camera will recognize you as the presenter.

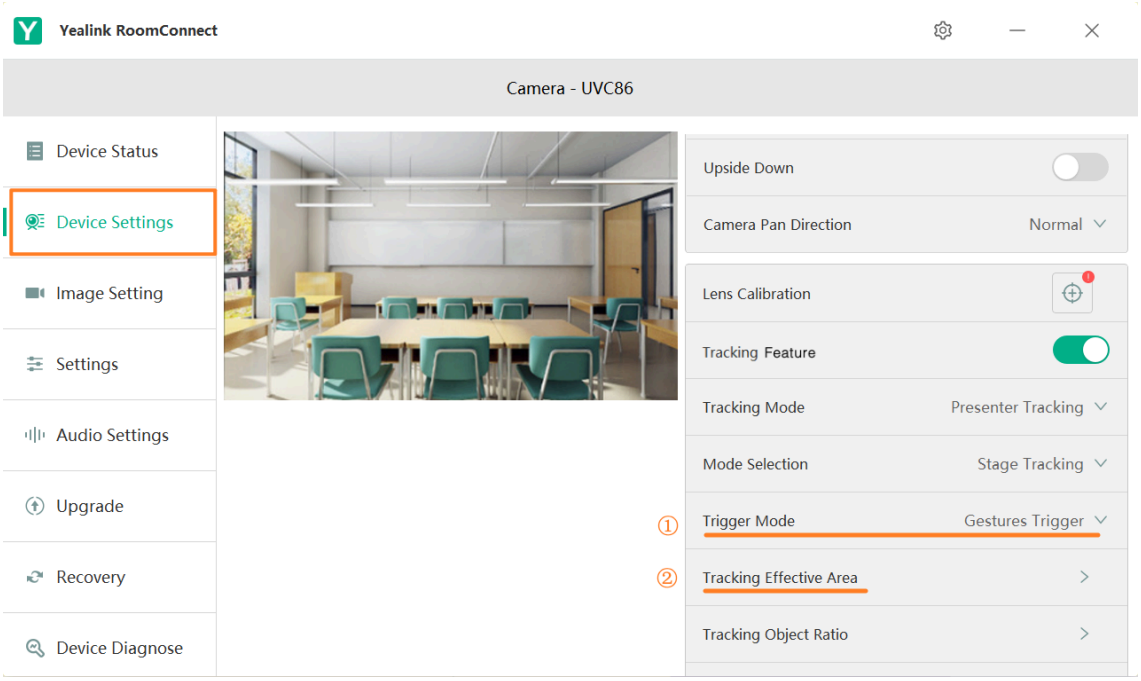
About this task
Please make sure that you have enabled the Tracking Feature.

Procedure

1. Tap the desired device on the home page.
2. Select **Device Settings** > **Trigger Mode**.
3. Select **Gestures Trigger**.

   If you want to set the presenter proportion that appears on the screen, refer to Setting Tracking Object Ratio.

Results
When the camera successfully selects the presenter, the camera indicator flashes red and green three times.



Setting Tracking Object Ratio

You can use the feature to adjust the direction and focal length of the camera. The presenter image will be zoomed in/out when the camera captures a presenter according to the settings.

About this task

The cross cursor must align with the presenter's face to ensure high-precision tracking. Please make sure you have enabled the Tracking Feature.

Procedure

1. Tap the desired device on the home page.
2. Select **Device Settings** > **Trigger Mode**.
3. Select **Priority Zone** or **Gestures**.
4. Select **Tracking Object Ratio**.
5. Use / / / to adjust the presenter position.
6. Use / to zoom in or zoom out the presenter.

   If you want to cancel the current settings, select to restore the camera settings.

Setting Time out

When the camera has not detected the presenter for some time, it goes to the initial position and re-captures the next moving presenter. If the camera does not find a presenter in the zone, it waits for the next moving presenter.

Procedure

1. Tap the desired device on the home page.
2. Select **Device Settings**.
3. Select **Time Out**.

   Adjustable range: 5-30s (default 5s).

Setting Sensitivity for Presenter Tracking
The camera keeps following you, even as you move back and forth in the conference.

Procedure

1. Tap the desired device on the home page.
2. Select **Device Settings**.
3. Select **Sensitivity**.

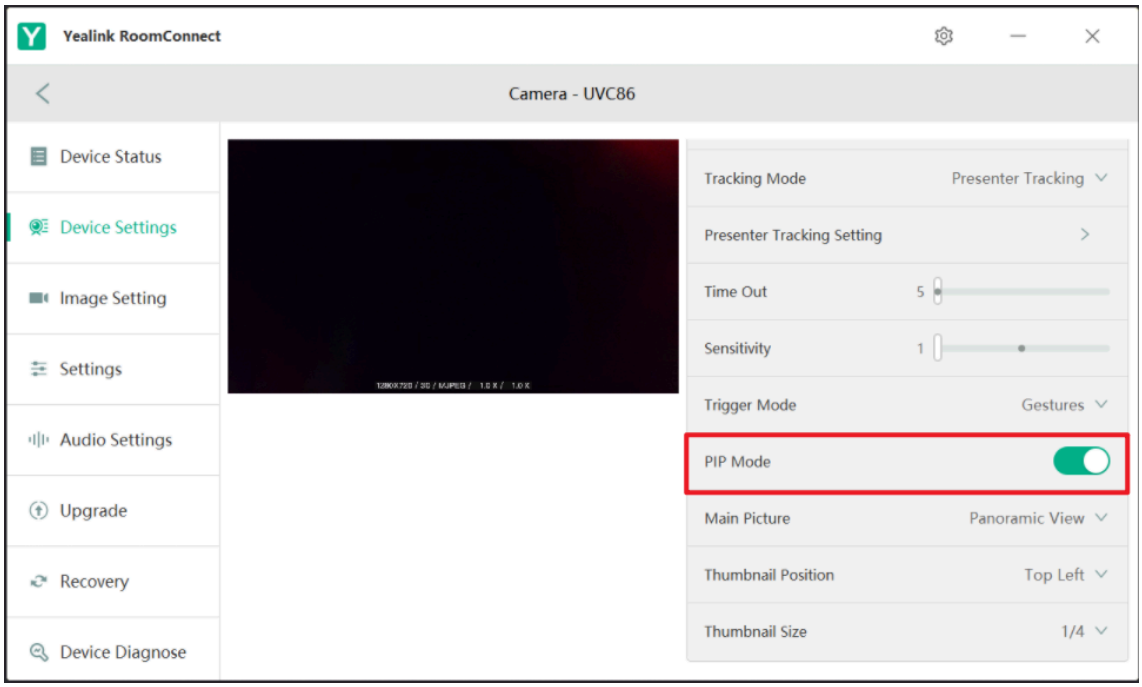
   Adjustable range: 1-5, default 3.

Enabling/Disabling PIP Mode

UVC86 supports Panoramic View and Close-up View in a picture-in-picture (PiP), allowing you to see all participants clearly and focus on the speaker simultaneously during a meeting. Through professional voice positioning and image analysis technology, UVC86 enables automatic tracking and shooting close-ups of speakers and intelligent image adjustment.

Procedure

1. Tap the desired device on the home page.
2. Select **Device Settings**.
3. Enabling/Disabling **PIP Mode**.



Note:

- The video screen will temporarily close the thumbnail in the Speaker Tracking mode if no one speaks for more than 5 seconds. The video screen will resume the thumbnail again when the speaker speaks again.
- The video screen will temporarily close the thumbnail in the Presenter Tracking mode if the camera completely loses the tracking presenter. When the tracking presenter appears again or a new tracking presenter appears, the video screen will resume the thumbnail again.

- Setting the Main Picture

Setting the Main Picture

You can set a Panoramic View (the entire conference room) or a Close-up View (speaker) as the main picture.

About this task

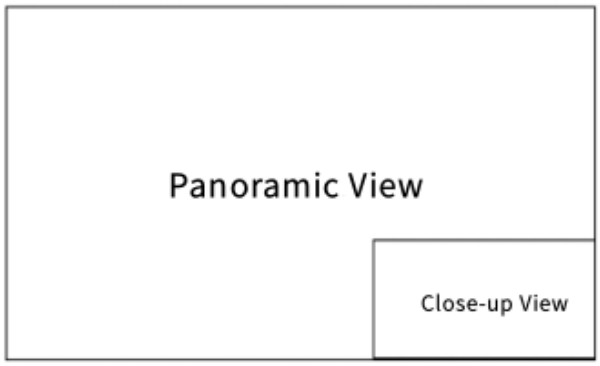
Please make sure that you have enabled the PIP mode.

Procedure

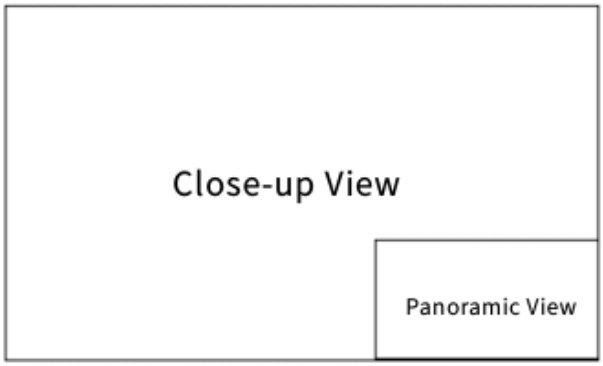
1. Tap the desired device on the home page.
2. Select **Device Settings** > **Main Picture**.
3. Select **Panoramic View** or **Close-up View**.

Example

The main picture is a Panoramic View (the entire conference room), and the thumbnail is a Close-up View (speaker):



The main picture is a Close-up View (speaker), and the thumbnail is a Panoramic View (the entire conference room):



Setting the Thumbnail Position

You can set the thumbnail position as needed.

About this task

Please make sure that you have enabled the PIP mode.

Procedure

1. Tap the desired device on the home page.
2. Select **Device Settings** > **Thumbnail Position**.
3. Select **Top Left**, **Bottom Left** or **Bottom right**.

Setting the Thumbnail Size

You can set the thumbnail size as needed.

About this task

Please make sure that you have enabled the PIP mode.

Procedure

1. Tap the desired device on the home page.
2. Select **Device Settings** > **Thumbnail Size**.
3. Select **1/4** or **1/9**.

Presets

Presets specify the settings of both the angle and the focal length for the camera that can be used to quickly point a camera at a pre-defined location. The camera presets can remain in effect until you change them.

Note: After you enable the tracking feature for UVC40/UVC30 Room, you cannot use the presets. The settings among the cameras of MVC940/MVC900/MVC900 II are independent of each other. In other words, the settings of other cameras remain unchanged, even though you change the settings of one camera.

- Creating a Camera Preset
- Updating Camera Presets
- Setting a Camera Preset as Default
- Editing the Preset Name
- Deleting the Camera Presets
- Clearing All Camera Presets

Related tasks

Enabling/Disabling Manual Control Mode

Creating a Camera Preset

Camera Presets is to save time by instantly recall your camera settings in advance to get the image of the corresponding position captured by the camera. You can create up to 9 preset positions for the UVC cameras.

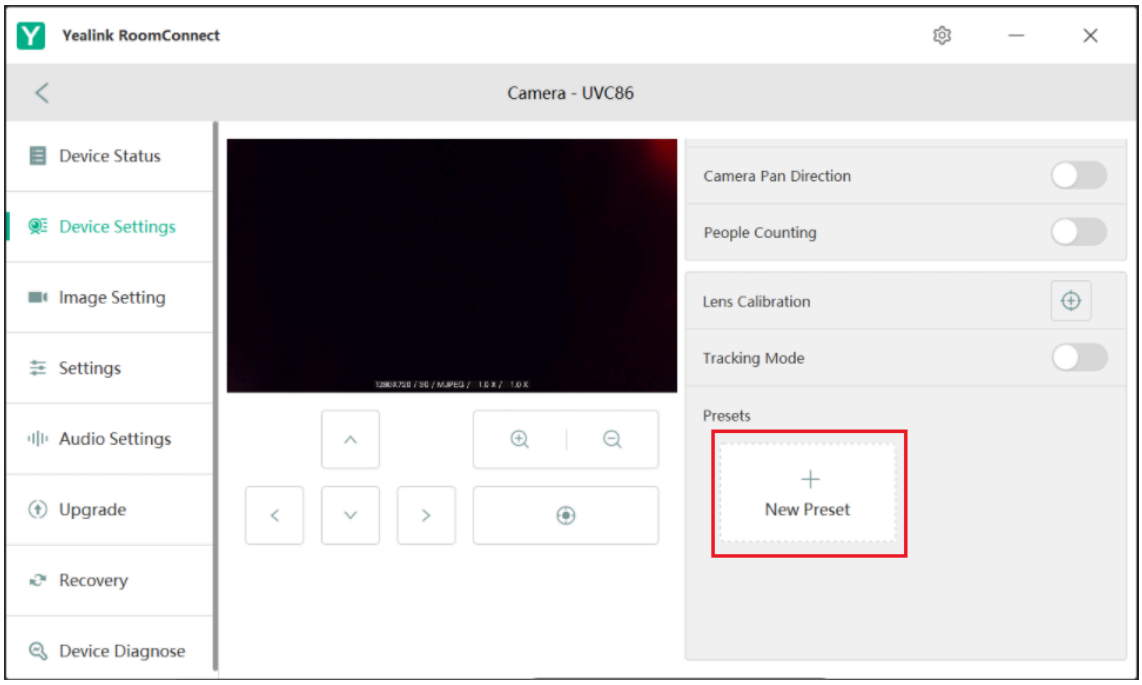
About this task

Please make sure that you have disabled the tracking mode.

Procedure

1. On the home page, tap the desired camera and select **Device Settings** > **Preset**.
2. If you are using MVC940/MVC900/MVC900 II, select the corresponding UVC84/UVC80 camera.
3. Tap the navigation keys to adjust the camera angle.

4. Tap or to zoom in or out the camera.
5. Tap **New Preset** to create a new preset.



Updating Camera Presets

Once the camera is moved to a new location, which will cause the change of your created presets, you can update the presets to obtain a new image. All the presets are updated at one time.

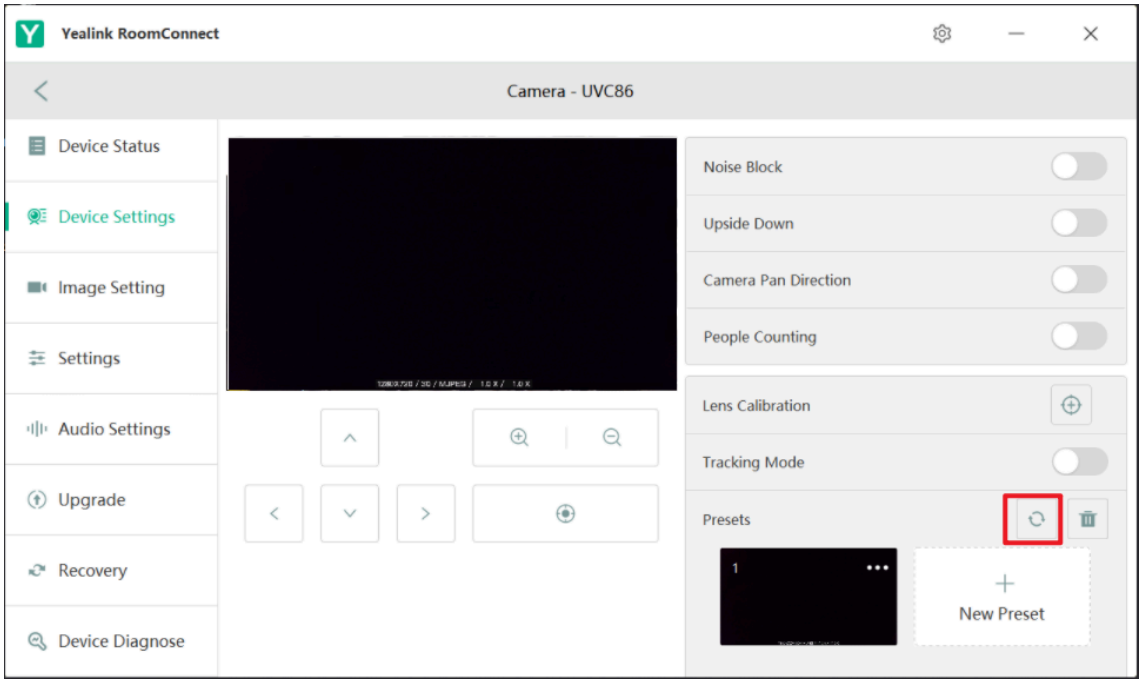
About this task

Please make sure that you have disabled the tracking mode.

Procedure

1. On the home page, tap the desired camera and select **Device Settings** > **Preset**.
2. If you are using MVC940/MVC900/MVC900 II, select the corresponding UVC84/UVC80 camera.

3. Tap above the preset list to update the presets.



Setting a Camera Preset as Default

The camera can return to the set default position when the conference starts, and you do not need to adjust it again.

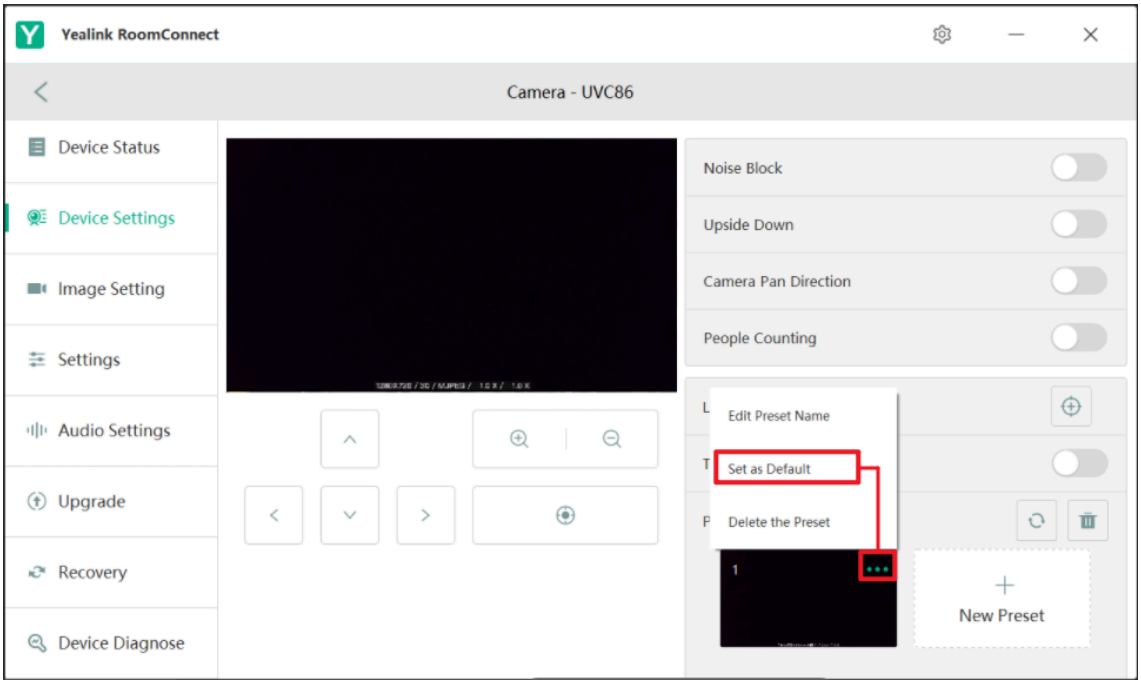
About this task

Please make sure that you have disabled the tracking feature.

Procedure

1. On the home page, tap the desired camera and select **Device Settings** > **Preset**.
2. Tap ··· at the top right of the preset image.

3. Select **Set as Default**.



Editing the Preset Name

About this task

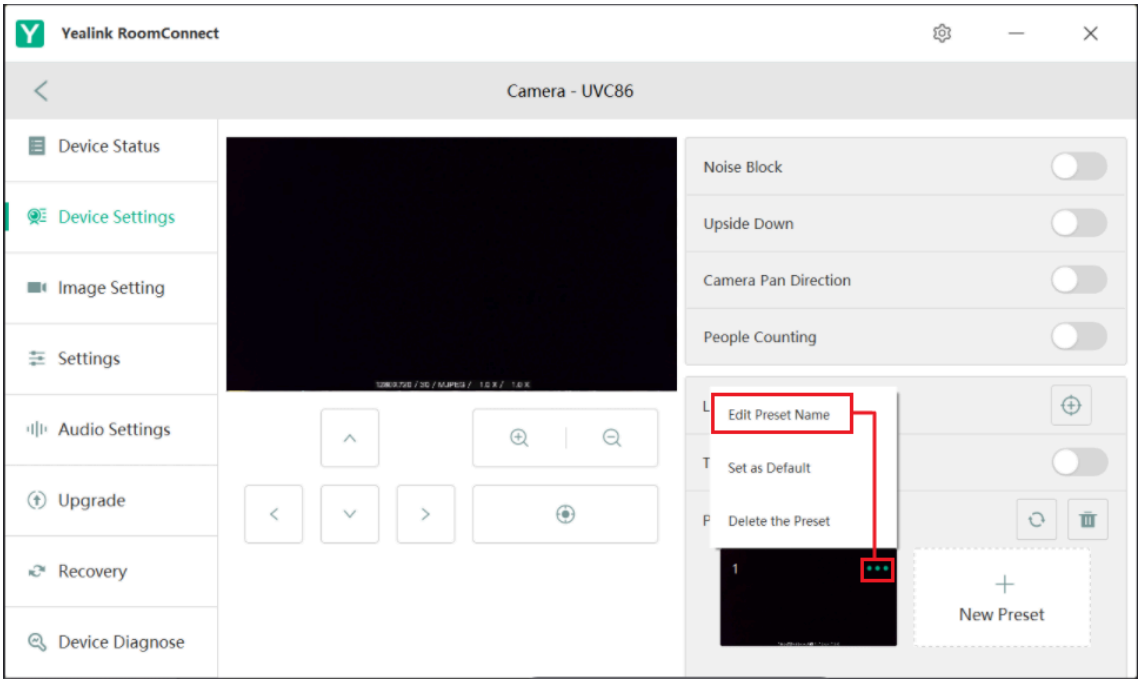
Please make sure that you have disabled the tracking feature.

Procedure

1. On the home page, tap the desired camera and select **Device Settings** > **Preset**.
2. Tap ··· at the top right of the preset image.
3. Select **Edit Preset Name** to enter the preset name.

4. Tap **Apply**.

   If you do not want to edit the preset name, press **Cancel**.



Deleting the Camera Presets

About this task

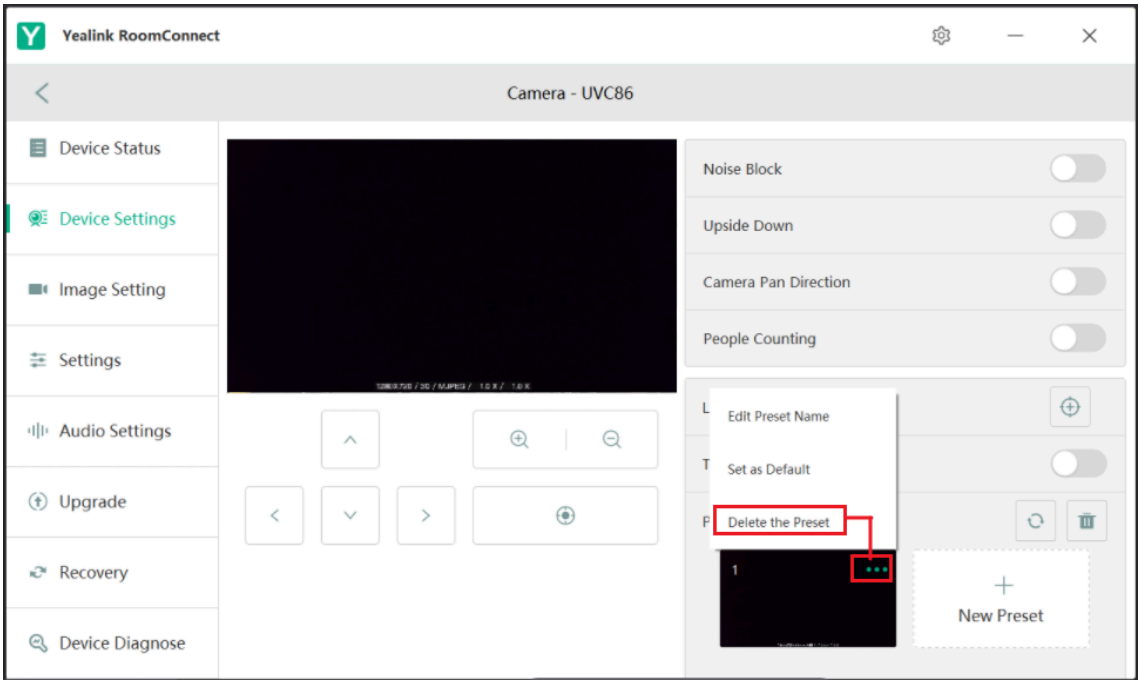
Please make sure that you have disabled the tracking mode.

Procedure

1. On the home page, tap the desired camera and select **Device Settings** > **Preset**.
2. If you are using MVC940/MVC900/MVC900 II, select the corresponding UVC84/UVC80 camera.
3. Tap ··· at the top right of the preset image.
4. Tap **Delete the Preset**.

5. Tap **OK** to delete the preset.

   If you do not want to delete the preset, press **Cancel**.



Clearing All Camera Presets

About this task

Please make sure that you have disabled the tracking mode.

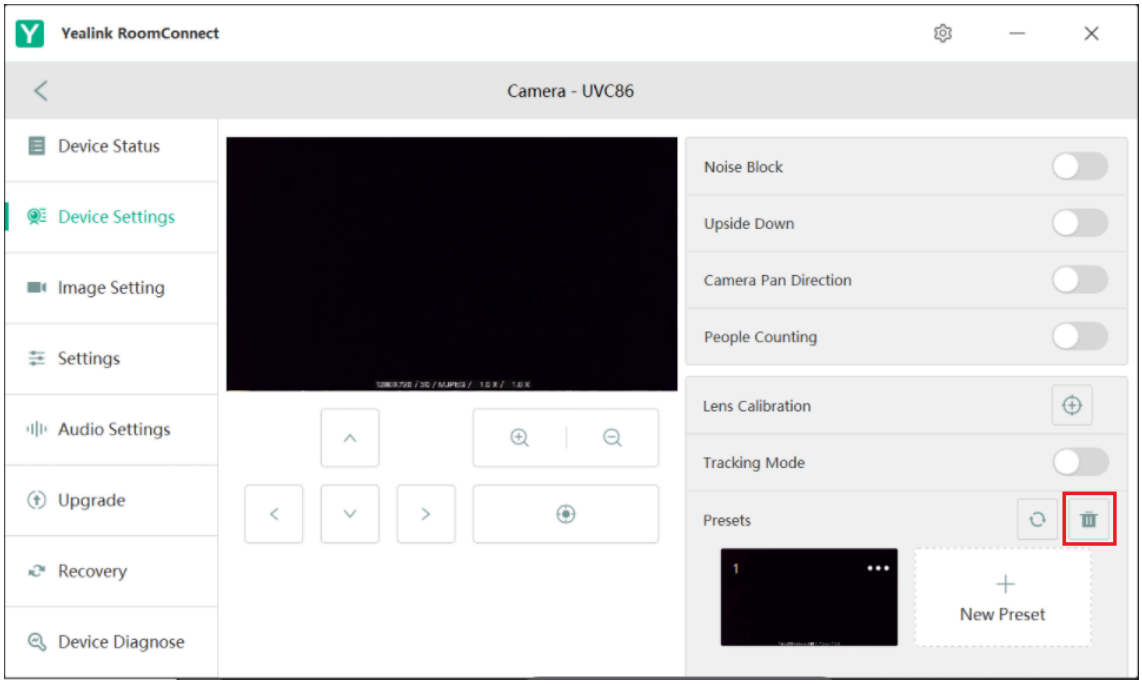
Procedure

1. On the home page, tap the desired camera and select **Device Settings** > **Preset**.
2. If you are using MVC940/MVC900/MVC900 II, select the corresponding UVC84/UVC80 camera.
3. On the top of the preset list, tap 🗑 to clear all camera presets.

   The page prompts whether you are sure to clear all camera presets.

4. Tap **OK** to clear all presets.

   If you do not want to clear all presets, press **Cancel**.



Resetting the Camera to Home Position

About this task

Note: If you enable the tracking feature for UVC40/UVC30 Room, you cannot reset the camera to the home position. The settings among the cameras of MVC940/MVC900/MVC900 II are independent from each other. In other words, the settings of other cameras remain unchanged, even though you change the settings of one camera.

Procedure

1. On the home page, tap the desired camera and select **Preset**.
2. If you are using MVC940/MVC900/MVC900 II, select the corresponding UVC84/UVC80 camera.
3. Tap .

Related tasks

Enabling/Disabling Manual Control Mode

Enabling/Disabling People Counting

This feature is disabled by default. If you want to enable the people counting feature, the number of conference participants will be displayed on the video images.

About this task

This feature is not applicable to MVC900/MVC940/MVC900 II system and the UVC30 Room camera when you use it as a content camera.

Procedure

1. Tap the desired camera on the home page.
2. Enter the **Advanced** > **Others**.
3. Select **ON** or **OFF** from the drop-down menu of **People Counting**.
4. Save the change.

Renaming Cameras

Renaming the UVC84/UVC80 Camera Connected to MVC900/MVC940/MVC900 II

When connecting multiple UVC84/UVC80 cameras to the MVC940/MVC900/MVC900 II system, you can customize the camera name for each camera to distinguish them.

Procedure

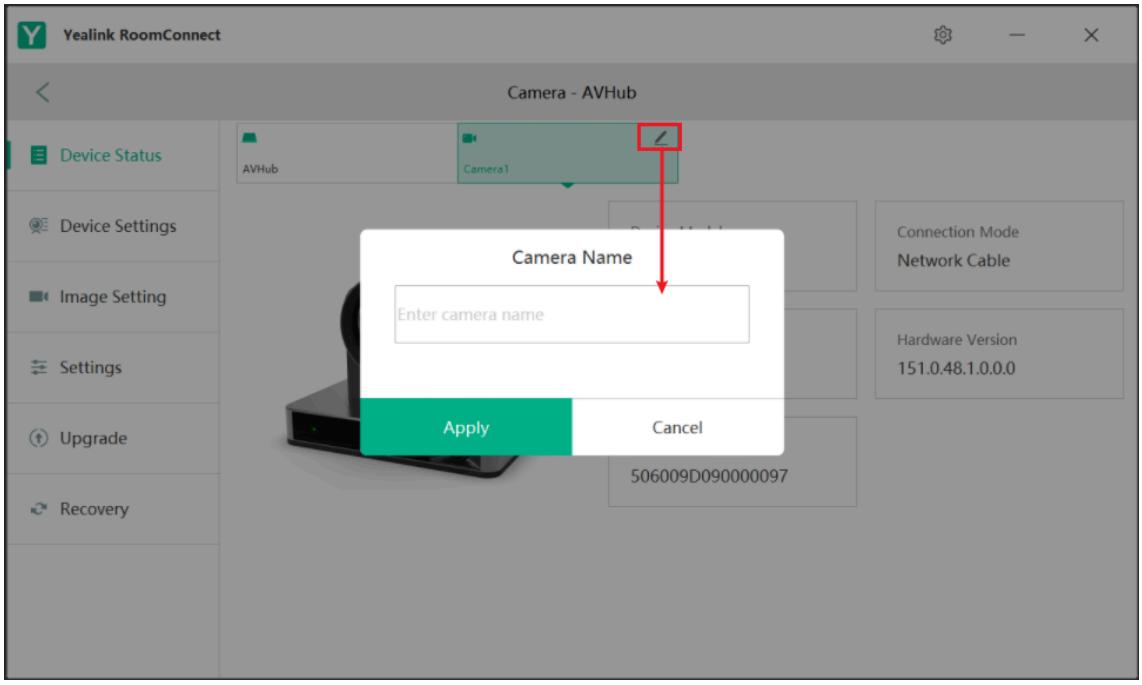
1. Tap the **Camera-Hub** on the home page.
2. Tap ••• on the right side of the desired UVC84/UVC80.
3. Enter the camera name.
4. Tap **Apply**.

Renaming the UVC86/UVC84 Camera via AVHub

Procedure

1. Tap the **AVHub** on the home page.
2. Tap on the right side of the desired UVC86/UVC84.
3. Enter the camera name.

4. Tap **Apply**.



Enabling/Disabling the Camera Layout of the MVC900/MVC940/MVC900 II

When you connect multiple UVC84/UVC80 cameras to the camera-Hub of MVC940/MVC900/MVC900 II system and enable the camera layout feature, you can adjust the camera layout mode. The MVC940/MVC900/MVC900 II system supports the full screen mode, the division mode, and the surround mode(N+1 mode).

Procedure

1. Tap the Camera-Hub camera on the home page.
2. Tap **Device Status** > **Camera-Hub**.
3. Enable or disable **Camera Layout**.

Exposure

Configuring Auto Exposure Mode

自动曝光能够在不同的光照条件和场景下实现所需的亮度等级或目标亮度等级，使所捕捉的视频或图像既不太暗也不太亮。

Procedure

1. Tap the desired camera on the home page.

2. Enter the **Advanced** > **Exposure** .
3. If you are using MVC940/MVC900/MVC900 II, select the corresponding UVC84/UVC80 camera.
4. Select **Auto Exposure** from the drop-down menu of **Exposure mode**.
5. Configure and save the following settings:

Parameter	Description
Exposure Compensation	Configure the value of exposure compensation. The exposure compensation is used to compensate the camera effectively when the camera is shooting in a backlit environment. If the environment light is dark, you can increase the compensation value. **Note:** The value can be any integer from -6 to 6. The default value is 0.
Flicker	Configure the value of camera flicker frequency. The supported types are as follows: • 50 Hz • 60 Hz • Off The indoor lights powered by a 50Hz or 60Hz power source may produce a flicker. You can adjust the camera flicker frequency according to the power source that the light is powered by. **Default**: 50 Hz.
Gain Limit	Specify the value. The value can be any integer from 1 to 15. **Default**: • UVC40/UVC30: 15 • UVC84/UVC80/UVC50: 4
Wide Dynamic Range	Off or Specify the WDR. The value represents the compression degree of the dynamic range Cameras with WDR technology can work perfectly both in the bright and the dark conditions and present clear images that balances different lighting, so that you can identify the details. • **Off**-do not use WDR. • 1~5 **Default**: • UVC40/UVC30: OFF • UVC84/UVC80/UVC50: 2
Metering	Configure the value of metering. • Average • Central • Bottom • Top **Default**: Average.

Configuring Manual Exposure Mode

手动曝光模式可实现相机光圈大小和快门速度的组合曝光。

Procedure

1. Tap the desired camera on the home page.
2. Enter the **Advanced** > **Exposure** .
3. If you are using MVC940/MVC900/MVC900 II, select the corresponding UVC84/UVC80 camera.
4. Select **Manual Exposure** from the drop-down menu of **Exposure mode**.
5. Configure and save the following settings:

Parameter	Description
Aperture	Configure the value of aperture. • Off • F1.6, F2.0, F2.4, F2.8, F3.4, F4, F4.8, F5.6, F6.8, F8, F9.6, F11, F14 **Note**: the default value is F5.6. UVC40/UVC30 does not supports setting the aperture.
Shutter	Configure the value of the shutter. **Value**: 1/60, 1/90, 1/100, 1/125, 1/180, 1/250, 1/350, 1/500, 1/725 1/1000, 1/1500, 1/2000, 1/3000, 1/4000, 1/6000, 1/10000 **Default**: 1/100.
Gain	Specify the value. **Note**: the valid value is 1 to 15. The default value is 2.
Wide Dynamic Range	Off or Specify the WDR. The value represents the compression degree of the dynamic range Cameras with WDR technology can work perfectly both in the bright and the dark conditions and present clear images that balances different lighting, so that you can identify the details. • **Off**-do not use WDR • 1~5 **Default**: • UVC40/UVC30: OFF • UVC84/UVC80/UVC50: 2

Configuring the Mode of Shutter Priority

快门优先可让你在相机调整光圈时选择特定的快门速度，以确保充分曝光。

Procedure

1. Tap the desired camera on the home page.
2. Enter the **Advanced** > **Exposure** .
3. If you are using MVC940/MVC900/MVC900 II, select the corresponding UVC84/UVC80 camera.
4. Select **Shutter Priority** from the drop-down menu of **Exposure mode**.

5. Configure and save the following settings:

Parameter	Description
Shutter	Configure the value of the shutter. **Valid Value**: 1/60, 1/90, 1/100, 1/125, 1/180, 1/250, 1/350, 1/500, 1/725, 1/1000, 1/1500, 1/2000, 1/3000, 1/4000, 1/6000, 1/10000 **Default**: 1/100.
Exposure Compensation	Configure the value of exposure compensation. The exposure compensation is used to compensate the camera effectively when the camera is shooting in a backlit environment. If the environment light is dark, you can increase the compensation value. **Note**: the valid value is -6 to 6. The default value is 0.
Gain Limit	Specify the value. The value can be any integer from 1 to 15. **Default**: • UVC40/UVC30: 15 • UVC84/UVC80/UVC50: 4
Wide Dynamic Range	Off or Specify the WDR. The value represents the compression degree of the dynamic range Cameras with WDR technology can work perfectly both in the bright and the dark conditions and present clear images that balances different lighting, so that you can identify the details. • **Off**-do not use WDR. • 1~5 **Default**: • UVC40/UVC30: OFF • UVC84/UVC80/UVC50: 2
Photometry	Configure the value of metering. • Average • Central • Bottom • Top **Default**: Average.

Configuring Aperture Priority

光圈优先允许你设置特定光圈值，摄像机会通过测光系统测量曝光量的值，并自动根据设定的光圈值选择与其匹配的快门速度。

About this task

The aperture priority feature is not applicable to UVC40/UVC30.

Procedure

1. Tap the desired camera on the home page.
2. Enter the **Advanced** > **Exposure** .
3. If you are using MVC940/MVC900/MVC900 II, select the corresponding UVC84/UVC80 camera.
4. Select **Aperture Priority** from the drop-down menu of **Exposure mode**.
5. Configure and save the following settings:

Parameter	Description
Aperture	Configure the value of aperture. **Value**: F1.6, F2.0, F2.4, F2.8, F3.4, F4.0, F4.8, F5.6, F6.8, F8, F9.6, F11, F14 and off **Default**: F5.6.
Exposure Compensation	Configure the value of exposure compensation. The exposure compensation is used to compensate the camera effectively when the camera is shooting in a backlit environment. If the environment light is dark, you can increase the compensation value. **Note**: the valid value is -6 to 6. The default value is 0.
Flicker	Configure the value of camera flicker frequency. **Frequency**: • 50 Hz • 60 Hz • Off The indoor lights powered by a 50Hz or 60Hz power source may produce a flicker. You can adjust the camera flicker frequency according to the power source that the light is powered by. **Default**: 50 Hz.
Gain Limit	Specify the value. **Note**: the valid value is 1 to 15. The default value is 4.
Wide Dynamic Range	Off or Specify the WDR. The value represents the compression degree of the dynamic range Cameras with WDR technology can work perfectly both in the bright and the dark conditions and present clear images that balances different lighting, so that you can identify the details. • **Off**-do not use WDR. • 1~5 **Default**: 2.

Parameter	Description
Metering	Configure the value of metering. • Average • Central • Bottom • Top **Default**: Average.

Configuring the Mode of Brightness Priority

Procedure

1. Tap the desired camera on the home page.
2. Enter the **Advanced** > **Exposure** .
3. If you are using MVC940/MVC900/MVC900 II, select the corresponding UVC84/UVC80 camera.
4. Select **Brightness Priority** from the drop-down menu of **Exposure mode**.
5. Configure and save the following settings:

Parameter	Description
Brightness	Configure the value of brightness. **Note**: the valid value is from 0 to 14 and the default value is 6.
Flicker	Configure the value of camera flicker frequency. The supported types are as follows: • 50 Hz • 60 Hz • Off The indoor lights powered by a 50Hz or 60Hz power source may produce a flicker. You can adjust the camera flicker frequency according to the power source that the light is powered by. **Default**: 50 Hz.
Wide Dynamic Range	Off or Specify the WDR. The value represents the compression degree of the dynamic range Cameras with WDR technology can work perfectly both in the bright and the dark conditions and present clear images that balances different lighting, so that you can identify the details. • **Off**-do not use WDR. • 1~5 **Default**: • UVC40/UVC30: OFF • UVC84/UVC80/UVC50: 2

Parameter	Description
Photometry	Configure the value of metering. • Average • Central • Bottom • Top **Default**: Average.

Adjusting the Display Image of the Camera

To display high-quality video image, you can adjust display mode of the camera or customize the image display.

Procedure

1. Tap the desired camera on the home page.
2. Enter the **Advanced** > **Graphics**.
3. If you are using MVC940/MVC900/MVC900 II, select the corresponding UVC84/UVC80 camera.
4. Configure and save the following settings:

Parameter	Description
Display Mode	Configure the display mode of the camera. • High Definition • Standard • Mild • Custom **Default**: Standard.
Saturation	Configure the saturation of the camera's image. The saturation means the maximum intensity of color in the image. **Note**: the value is from 0 to 100. The default value is 50.
Sharpness	Configure the sharpness of the camera's image. The sharpness is an indicator that reflects the definition of the image plane and the sharpness of image edge. Increasing the sharpness will improve the definition of the image. However, if the sharpness is set too high, the image will look distorted and glaring. **Note**: the value is from 0 to 100. The default value is 15.
Brightness	Configure the brightness of the camera's image. **Note**: the value is from 0 to 100. The default value is 50.
Contrast	Configure the contrast of the camera's image. **Note**: the value is from 0 to 100. The default value is 50.

Parameter	Description
Noise Reduction(2D)	Specify the noise reduction (2D) mode. The available modes are described as below: • Off • Low • Middle • High For UVC86: Select Enable/Disable. **Default**: Middle.
Noise Reduction(3D)	Specify the noise reduction (3D) mode. It indicates the coefficient of the reduced noise in the image. The higher the coefficient is, the smaller the noise is. **Valid value**: 0 - 22. The default value is 3. UVC40/UVC30 does not supports the noise reduction (3D).

5. Save the change.

Adjusting the White Balance

To display high-quality video image, you can adjust camera white balance.

Procedure

1. Tap the desired camera on the home page.
2. Enter the **Advanced** > **White Balance**.
3. If you are using MVC940/MVC900/MVC900 II, select the corresponding UVC84/UVC80 camera.
4. Select the desired value from the drop-down menu of **White Balance Mode**.

Parameter	Description
Auto	We recommend that you use this setting for most situations. It calculates the best white balance setting based on lighting conditions in the room.
InDoor	/
OutDoor	/
OnePush	/
ATW	Automatically adjust the white balance according to the picture took by the camera.
Manually	Manually adjust the color temperature.
Color Temperature	Configure the value of the color temperature. **Note**: the value is from 2800K to 6800K. The default value is 5000K. You can set this parameter only when the white balance mode is configured to Manual.

5. Save the change.

Setting the Hangup Mode

If this mode is enabled, the picture took by the camera is upside down. This mode is applicable to install the camera on the meeting room ceiling.

Procedure

1. Tap the desired camera on the home page.
2. Enter the **Advanced** > **Others**.
3. If you are using MVC940/MVC900/MVC900 II, select the corresponding UVC84/UVC80 camera.
4. Select **ON** or **OFF** from the drop-down menu of **Hangup mode**.
5. Save the change.

Adjusting the Camera Pan Direction

You can set the camera pan direction as normal or reversed. If you set it as reversed, the camera pan direction will be reversed when pressing the left and right navigation keys.

Procedure

1. Tap the desired camera on the home page.
2. Enter the **Advanced** > **Others**.
3. If you are using MVC940/MVC900/MVC900 II, select the corresponding UVC84/UVC80 camera.
4. Select **Normal** or **Reversed** from the drop-down menu of **Camera Pan Direction**.
5. Save the change.

Resetting the UVC Camera

Procedure

1. Tap the desired camera on the home page.
2. Enter the **Advanced** > **Others**.
3. If you are using MVC940/MVC900/MVC900 II, select the corresponding UVC84/UVC80 camera.
4. In the **Reset Camera** field, tap  .
   The pop-up window prompts whether or not you are sure to reset.
5. Confirm the action.

Viewing the Camera information

- Viewing the Camera information
- Viewing the Camera information via AVHub

Viewing the Camera information

You can view the device model, the connection mode, the firmware version, the hardware version, and the serial number of the camera.

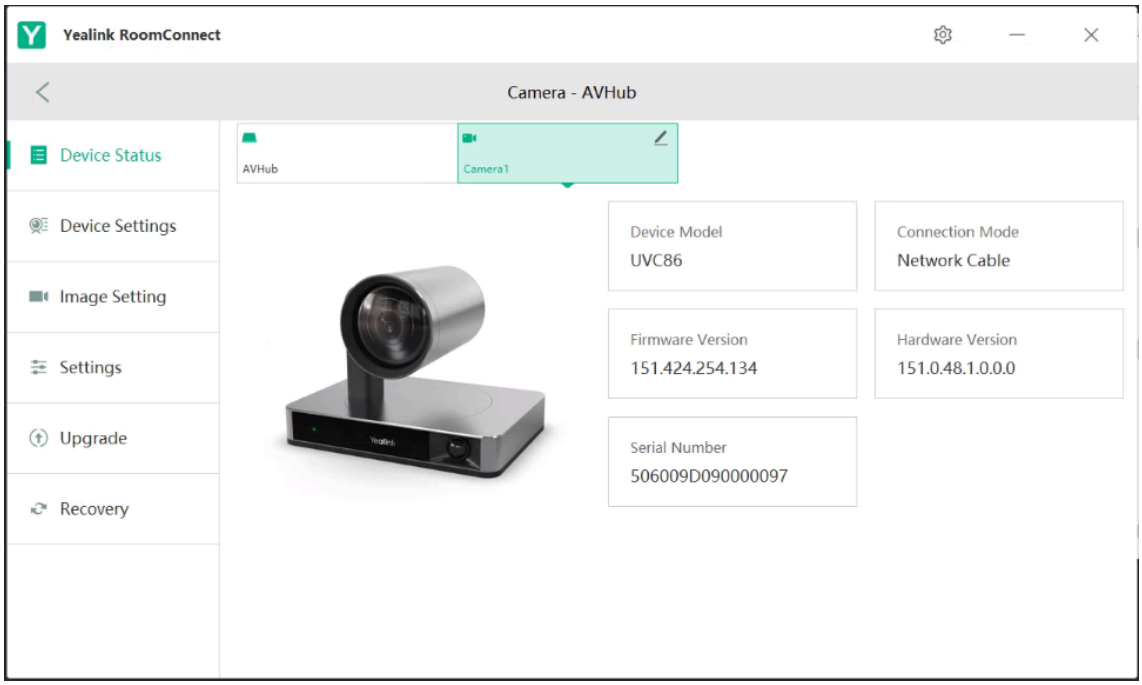
Procedure

1. Tap the desired camera on the home page.
2. If you are using MVC940/MVC900/MVC900 II, select the corresponding camera.
3. Tap **Device Status**.

Viewing the Camera information via AVHub

Procedure

1. On the home page, tap **AVHub**.
2. Select **Device Status**.
3. Select **Camera**.



Managing Audio Devices

Yealink RoomConnect can automatically detect devices connecting to the MVC system, including VCM34, VCM36-W, VCM38, Soundbar, MSpeaker II, CP900、MSpeech, and CPW90-BT.

You can view the related device information on the home page, for example, the firmware version. If you connect 2 or more units of VCM38, VCM36-W, VCM34, or CPW90-BT, you can view the information of each device respectively.

- Enabling/Disabling CP900 Bluetooth
- Checking the Status of Your Audio Devices
- Audio Settings

Enabling/Disabling CP900 Bluetooth

The CP900 is used as a meeting room audio device. If the CP900 Bluetooth is enabled, it may be connected to the device outside the meeting room, which affects the use of the device in the meeting room. You can manually disable the Bluetooth on the Yealink RoomConnect.

Procedure

1. Tap CP900 on the home page.
2. On the Device Status page, enable or disable **Bluetooth**.

Checking the Status of Your Audio Devices

The device information interface allows you to view more detailed device information, including device model, firmware version, hardware version, and so on. If you connect two CPW90s, you can view the specific device information of each CPW90, including power level, wireless product, IPEI, the register status, and the working time and standby time.

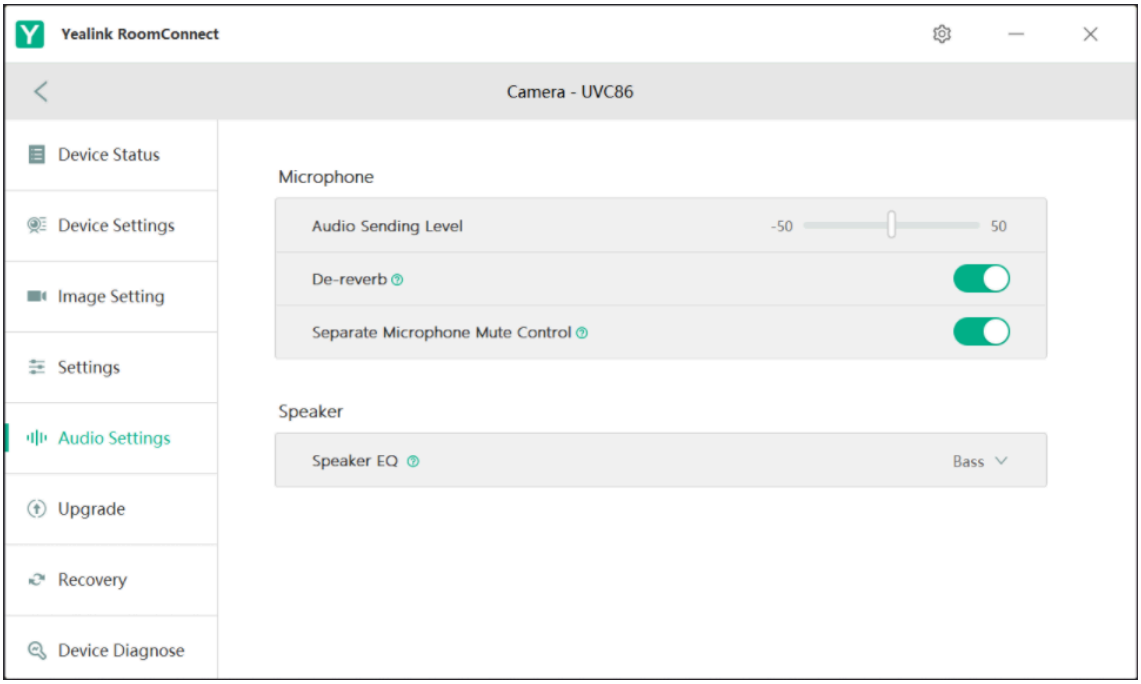
Procedure

Tap the desired device on the home page.

All device information is displayed.

Audio Settings

You can set the audio level of the microphone and speaker etc.



- Microphone Settings
- Speaker Settings

Microphone Settings

Adjusting Audio Level

You can specify an available microphone to adjust the audio level.

About this task

It is only applicable to UVC84/UVC86/MSpeech. You can only adjust the audio level for one microphone at a time.

Procedure

1. Tap the desired device on the home page.
2. Tap **Audio Settings** > **Microphone**.
3. Slide the **Audio Sending Level** slider to change the audio level of the microphone.

Enabling/Disabling Reverberation Elimination for VCM38

Reverberation is the reflection of sound off surfaces. We also call it an echo. You can enable the feature for closer and clearer sound. Please refer to the Reverberation Elimination for more information.

About this task

It is only applicable to UVC84/UVC86/MSpeech.

Procedure

1. Tap the desired device on the home page.
2. Tap **Audio Settings** > **Microphone**.
3. On the Audio Settings page, enable or disable **De-reverb**.

Muting a Microphone Individually

If more than one microphone (VCM34/VCM38/CPW90) is connected to the conference, you can mute one of the microphones.

About this task

It is only applicable to UVC84/UVC86.

Procedure

1. Tap the desired device on the home page.
2. Select **Audio Settings** > **Microphone**.
3. On the Audio Settings page, enable or disable **Separate Microphone Mute Control**.

Audio Processing

The audio processing is disabled by default for the USB sound card channel. After it is enabled, the host will process the audio data.

About this task

It is only applicable for UVC84/UVC86.

Procedure

1. Tap the desired device on the home page.
2. Select **Audio Settings** > **Audio processing**.
3. Enable/disable **USB Sound card audio processing**.

Speaker Settings

You can adjust the speaker frequency response style for MSpeaker II.

About this task
It is only applicable to UVC84/UVC86.

Procedure

1. Tap the desired device on the home page.
2. Tap **Audio Settings** > **Microphone**.
3. Select the frequency response style from **Speaker EQ**.

Managing MShare

Yealink RoomConnect can automatically identify the MShare connected to the MVC or Zoom Rooms system. You can set the wireless access point of MShare or view the device information of MShare on Yealink RoomConnect.

- Configuring the Wireless Access Point for MShare
- Checking the Status of MShare

Configuring the Wireless Access Point for MShare

By default, the wireless access point of MShare is disabled and it will be automatically enabled if you pair WPP20 and MShare. However, if you do not want to enable the wireless access point, you can disable it manually.

Procedure

1. Tap the desired MShare on the home page.
2. Tap **Setting**.
3. Enable or disable **AP**.

   If you enable the wireless access point, you can edit the password and the AP-channel.
4. Save the change.

Checking the Status of MShare

You can view the connection method, serial number, firmware, and hardware of the MShare.

Procedure

1. Tap the desired MShare on the home page.
2. Tap **Device Status.**

Managing MTouch II

Yealink RoomConnect can automatically identify the MTouch II connected to the MVC II series. You can set the wireless access point of MTouch II or view the device information of MTouch II on Yealink RoomConnect.

- Configuring the Wireless Access Point for MTouch II

Configuring the Wireless Access Point for MTouch II

By default, the wireless access point of MTouch II is disabled and it will be automatically enabled if you pair WPP20 with MTouch II. However, if you do not want to enable the wireless access point, you can disable it manually.

Procedure

1. Tap the desired MTouch II on the home page.
2. Tap **Setting**.
3. Enable or disable **AP**.

   If you enable the wireless access point, you can edit the SSID, the password, and the AP-channel.
4. Save the change.

Device Diagnosis

- Audio Diagnosis
- Enabling/Disabling the Displaying Image Parameter
- Enabling/Disabling Audio Capture

Audio Diagnosis

Before the meeting starts, you can detect the audio status of the device.

About this task

Procedure

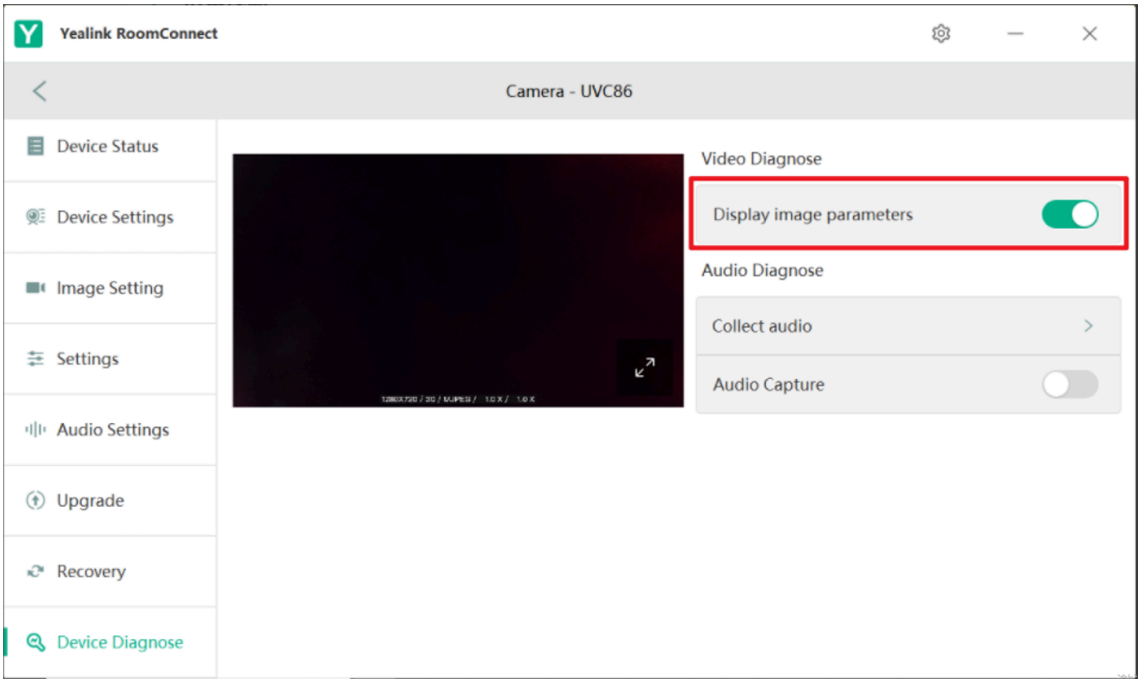
1. Tap the desired device on the home page.
2. Tap **Device Diagnose**.
3. Tap **Collect audio** > **Speaker**. The speaker plays the default music for 10s, and you can adjust the output volume.
4. Tap **Collect audio** > **Speaker**. The device automatically records the audio for 6s, and plays the collected audio.

Enabling/Disabling the Displaying Image Parameter

After enabled, the image parameters appear below the video.

Procedure

1. Tap the desired device on the home page.
2. Tap **Device Diagnose** > **Video Diagnose**.
3. Enable/Disable **Display image parameter**.



Enabling/Disabling Audio Capture

Procedure

1. Tap the desired device on the home page.
2. Tap **Device Diagnose** > **Audio Diagnose**.
3. Enable/Disable **Audio Capture**.

Troubleshooting

This chapter helps you solve the problems you might encounter when using Yealink RoomConnect, camera and audio devices.

Device Upgrade

Updating Devices via Windows

Yealink RoomConnect and all the devices of MVC/Zoom Rooms system can be updated by Windows Update by default. If they are not updated automatically, you can manually upload the firmware to update them.

Enabling Automatically Windows Update

Procedure

1. Tap the to enter the **Settings** > **Upgrade & Security** > **Windows Update**, and tap **Advanced options**.
2. Enable **Automatically download updates, even over metered data connections(charge may apply)**.

Manually Windows Update

Procedure

Do one of the following:

- Long tap the and then select **Device Manager**.

  Select the desired device and then long tap the device to select **Update driver**.

  Select the desired way to update.
- Tap the and then Enter the **Settings** > **Upgrade & Security** > **Windows Update**, and select **Check for updates**.

  Select the desired device and then complete the installation.

Updating Devices via Yealink RoomConnect

Yealink RoomConnect can automatically update all MVC devices and Yealink RoomConnect itself. If you need to update the devices in time, you can manually check for updates or upload firmware to upgrade the device.

Setting the Auto Update

The auto update feature is enabled by default and Yealink RoomConnect will automatically check for updates at 1:15 am. You can customize the time for checking for updates.

Procedure

1. On the home page, tap .
2. Tap **Update Settings**.
3. Enable **Auto Update** and set the time.
4. Tap **Confirm**.

Checking for Updates

Procedure

1. On the home page, tap .
2. Tap **Check for Updates.**
3. If the new version is loaded, tap **Update Now**.

Note: You cannot close the software or do any other operation during the update.

Manually Updating Devices

You can manually upgrade the firmware version of AVHub, UVC cameras, MShare, MTouch II, CP960, CP900, etc.

About this task

Note: You can upgrade the firmware of multiple UVC80/UVC84 connected to MVC900/MVC940/MVC900 II simultaneously.

Procedure

1. Tap the desired device on the home page.
2. Enter the **Upgrade** > **Upgrade**.
3. Upload the file and then select **Update now.**

Upgrading Device via AVHub

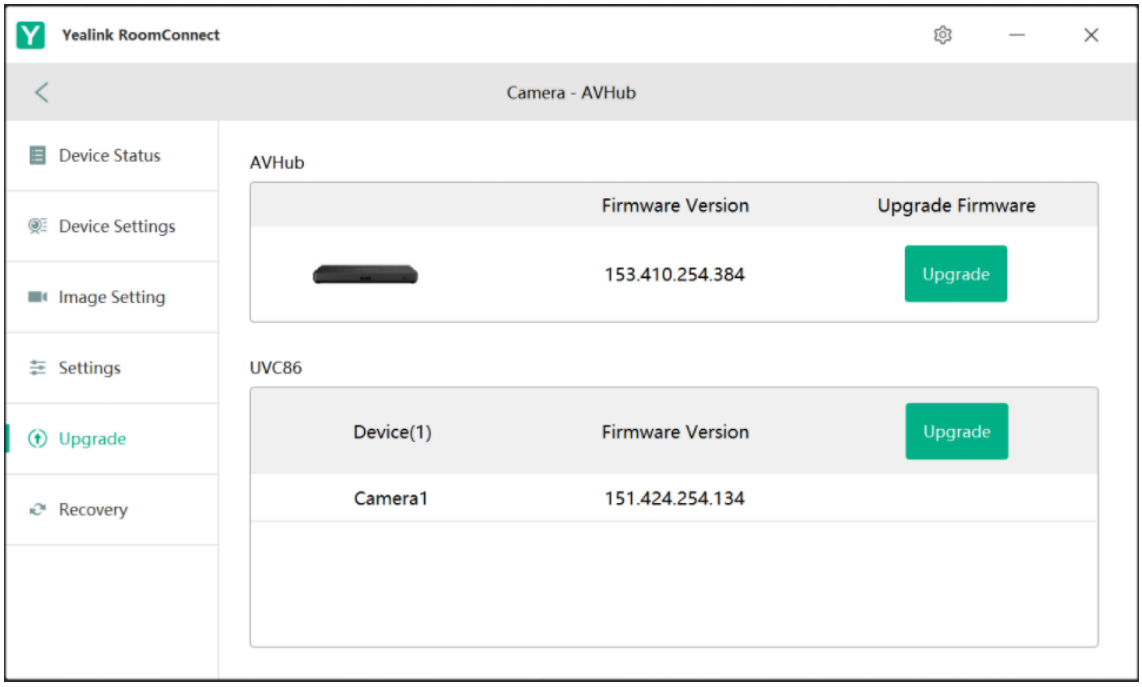
About this task

You need to connect the device (VCM34/VCM38/VCM36/MSpeaker II/UVC84/UVC86) to AVHub instead of the MCore.

Procedure

1. On the home page, tap **AVHub**.
2. Select **Upgrade**.

3. You can select the devices you want to upgrade as needed.



Rebooting the Device

You can reboot the Camera-Hub, UVC camera, MShare, MTouch II, CP960, CP900, or MSpeech.

Procedure

1. Tap the desired device on the home page.
2. Enter the **Recovery** > **Reboot**.

   The page prompts whether or not you are sure to delete.
3. Confirm the action.

Resetting the Device

You can reset the UVC cameras, MShare, MTouch II, CP960, CP900, or MSpeech to factory settings.

Procedure

1. Tap the desired device on the home page.
2. Enter the **Recovery** > **Reset to Factory**.

   The page prompts whether or not you are sure to reset.
3. Confirm the action.

Log Management

Logs record events or errors that occur in your devices. To help you learn more about what's happening within your devices, Yealink RoomConnect provides logging services that allow you to export log messages to local files.

- Exporting Logs

Exporting Logs

Procedure

1. On the home page, tap .
2. Select **Log Management** and select the desired devices from the pop-up menu.
3. Tap **Export log** and save the file to your local mini-PC.

Viewing the Versions of Yealink RoomConnect and the Operation System

Procedure

1. On the home page, tap .
2. Select **About** from the pop-up menu.

Managing Certificates for UVC40

UVC40 can act as the TLS client or the TLS server. When using the TLS connection, we use the terms of trusted certificates and the server certificates. We also describe those certificate as the CA certificate and the device certificate.

- Managing the Trusted Certificates List
- Managing the Server Certificates

Managing the Trusted Certificates List

When the camera acts as a TLS client and requests a TLS connection with server, the camera should verify the server certificate sent by the server to decide whether it is trusted based on the trusted certificates list.

About this task

The trusted certificates list contains the default and the custom certificates.

- **Default Certificates**: the camera has 36 built-in trusted certificates.
- **Custom Certificates**: you can upload up to 10 trusted certificates with the size no more than 5M to the camera. The formats of the CA certificates supported by the camera are .pem, .cer, .crt, and .der.

Procedure

1. Tap UVC40 on the home page.
2. Enter the **Certificate** > **Trusted Certificates**.

3. Configure and save the following settings:

Parameter	Description
Only Accept Trusted Certificates	Enable or disable the camera only trusting the server certificates in the trusted certificates list. **Default**: enabled. If it is **disabled**, the camera connects to the server no matter whether the certificate send by the system is valid or not. If it is **enabled**, the camera will verify the server certificate based on the trusted certificates list. The camera will connect to the server only after the verification succeeds. If you change this parameter, the system will reboot to make the change take effect.
Common Name Validation	Enable or disable the camera to mandatorily validate the CommonName or SubjectAltName of the server certificate sent by the server. This security verification rules are compliant with RFC 2818. **Default**: disabled.
CA Certificates	Specify the certificate type when the camera verifies the server certificate. • **Default Certificates**—the camera verifies whether the server is reliable via the built-in CA certificates. • **Custom Certificates**—the camera verifies whether the server is reliable via the uploaded CA certificates. • **All Certificates**—the camera verifies whether the server is reliable via both the built-in and the uploaded CA certificates. **Default**: **Default Certificates**.
Import Trusted Certificates	You can upload a custom CS certificate for the camera. **Note**: The certificate must be in .pem, .der., .crt, or .cer file format. You can upload up to 10 CA certificates.

- Default Certificates List

Default Certificates List

The following introduces 95 most common used CA certificates built in UVC40.

- Equifax Secure Certificate Authority
- COMODO RSA Certification Authority
- Starfield Services Root Certificate Authority - G2
- USERTrust RSA Certification Authority
- GeoTrust Global CA 2
- thawte Primary Root CA - G3
- Yealink Root CA 2
- StartCom Certification Authority
- thawte Primary Root CA
- ISRG Root X1
- GlobalSign

- VeriSign Class 1 Public Primary Certification Authority - G3
- DST Root CA X3
- Class 2 Primary CA
- TC TrustCenter Universal CA III
- Go Daddy Class 2 Certification Authority
- Starfield Class 2 Certification Authority
- GeoTrust Primary Certification Authority - G2
- TC TrustCenter Class 2 CA II
- Class 1 Public Primary Certification Authority
- GeoTrust Global CA
- Cybertrust Global Root
- thawte Primary Root CA
- DigiCert Global Root CA
- Baltimore CyberTrust Root
- AddTrust External CA Root
- Entrust.net Certification Authority (2048)
- Yealink Server CA
- Entrust Root Certification Authority - G2
- ISRG Root X1
- Class 3 Public Primary Certification Authority - G2
- Deutsche Telekom Root CA 2
- TC TrustCenter Universal CA I
- VeriSign Universal Root Certification Authority
- Yealink Root CA
- Yealink Root CA
- Yealink Equipment Issuing CA
- QuoVadis Root Certification Authority
- VeriSign Class 3 Public Primary Certification Authority - G4
- ISRG Root X1
- Yealink Root CA
- QuoVadis Root CA 2
- DigiCert Assured ID Root CA
- Thawte Personal Freemail CA
- Class 3 Public Primary Certification Authority - G2
- Equifax Secure Global eBusiness CA-1
- Class 3 Public Primary Certification Authority
- GeoTrust Global CA
- TC TrustCenter Class 2 CA II
- Amazon Root CA 3
- QuoVadis Root CA 2
- VeriSign Class 3 Public Primary Certification Authority - G3
- VeriSign Class 3 Public Primary Certification Authority - G5
- DigiCert High Assurance EV Root CA
- Starfield Root Certificate Authority - G2
- GeoTrust Universal CA 2
- Baltimore CyberTrust Root
- Yealink Root CA 2
- DigiCert Assured ID Root G2
- GENBAND
- ISRG Root X1

- GeoTrust Primary Certification Authority
- AddTrust External CA Root
- DigiCert Trusted Root G4
- thawte Primary Root CA - G2
- GlobalSign Root CA
- Starfield Secure Certificate Authority - G2
- Yealink Root CA
- Go Daddy Root Certificate Authority - G2
- Entrust Root Certification Authority
- Class 1 Public Primary Certification Authority - G2
- TC TrustCenter Class 4 CA II
- Thawte Premium Server CA
- DigiCert Assured ID Root G3
- VeriSign Class 4 Public Primary Certification Authority - G3
- GeoTrust Primary Certification Authority - G3
- DigiCert Global Root G2
- T-TeleSec GlobalRoot Class 2
- Amazon Root CA 4
- AddTrust External CA Root
- VeriSign Class 2 Public Primary Certification Authority - G3
- Thawte Server CA
- Baltimore CyberTrust Root
- ISRG Root X1
- GeoTrust Universal CA
- Equifax Secure eBusiness CA-1
- Yealink Root CA 2
- Class 4 Public Primary Certification Authority - G2
- DigiCert Global Root G3
- Class 2 Public Primary Certification Authority - G2
- StartCom Certification Authority G2
- Thawte Universal CA Root
- VeriSign Class 3 Public Primary Certification Authority - G5
- Amazon Root CA 2
- Amazon Root CA 1

Note:

The most common used CA Certificates are built in Yealink devices. Due to memory constraints, we cannot ensure a complete set of certificates. If there is no the desired certificate in the above list, contact your distributor for the desired one. After that, you can upload the certificate into your phone.

Managing the Server Certificates

The camera can act as a TLS server. When clients request a TLS connection with the camera, the camera sends the server certificate (device certificate) to the clients for verification.

About this task

The server certificate contains the default and the custom certificates. You can specify the certificate type sent by the camera to the client for verification.

- **Default Certificates**: a unique server certificate and a generic server certificate.

  The camera will send the generic server certificate to the client for verification if there is no unique server certificate.
- **Custom Certificates**: you can only upload one custom server certificate to the camera. The old server certificate will be overridden by the new one. The server certificate must be in .pem or .cer file format with the size less than 5M.

Procedure

1. Tap UVC40 on the home page.
2. Enter the **Certificate** > **Trusted Certificates**.
3. Configure and save the following settings:

Parameter	Description
CA certificate	Specify the type of the server certificates for the camera to send for TLS authentication. • **Default Certificates** • **Custom Certificates** **Note**: the default value is Default Certificates.
Import Trusted Certificates	Upload the server certificate. **Note**: the format of the certificate files must be PEM or CER. Only one server certificate can be uploaded to the system.