RoomCast Wireless Casting Device User Guide

Contents

RoomCast Wireless Casting Device

As an enterprise-level wireless presentation system, Yealink RoomCast allows participants to cast their screens to a TV simultaneously through Yealink Wireless Presentation Pod, Miracast, AirPlay and Google Cast, and use interactive collaboration features. Supporting casting 4 screens to a TV, Yealink RoomCast brings richer meeting content, saving you from switching screens. With Yealink RoomCast, you can realize easy screen sharing and efficient collaboration.

This guide introduces the deployment, connection and configuration (on the web) about Yealink RoomCast.

- Summary of Changes
- Related Documents
- Hardware Overview
- Home Screen

Summary of Changes

- Changes for Guide Version 1.1

Changes for Guide Version 1.1

The following section is new for this version:

- Digital Signage

Major updates have occurred to the following sections:

- Home Screen
- Presentation Methods
- Signing in to the Web User Interface

Related Documents

Except for this user guide, we also provide the following documents:

RoomCast Quick Start Guide: introduces the package of RoomCast and how to install and deploy it.

RoomCast Screen Sharing Guide: introduces how to use RoomCast to share screens.
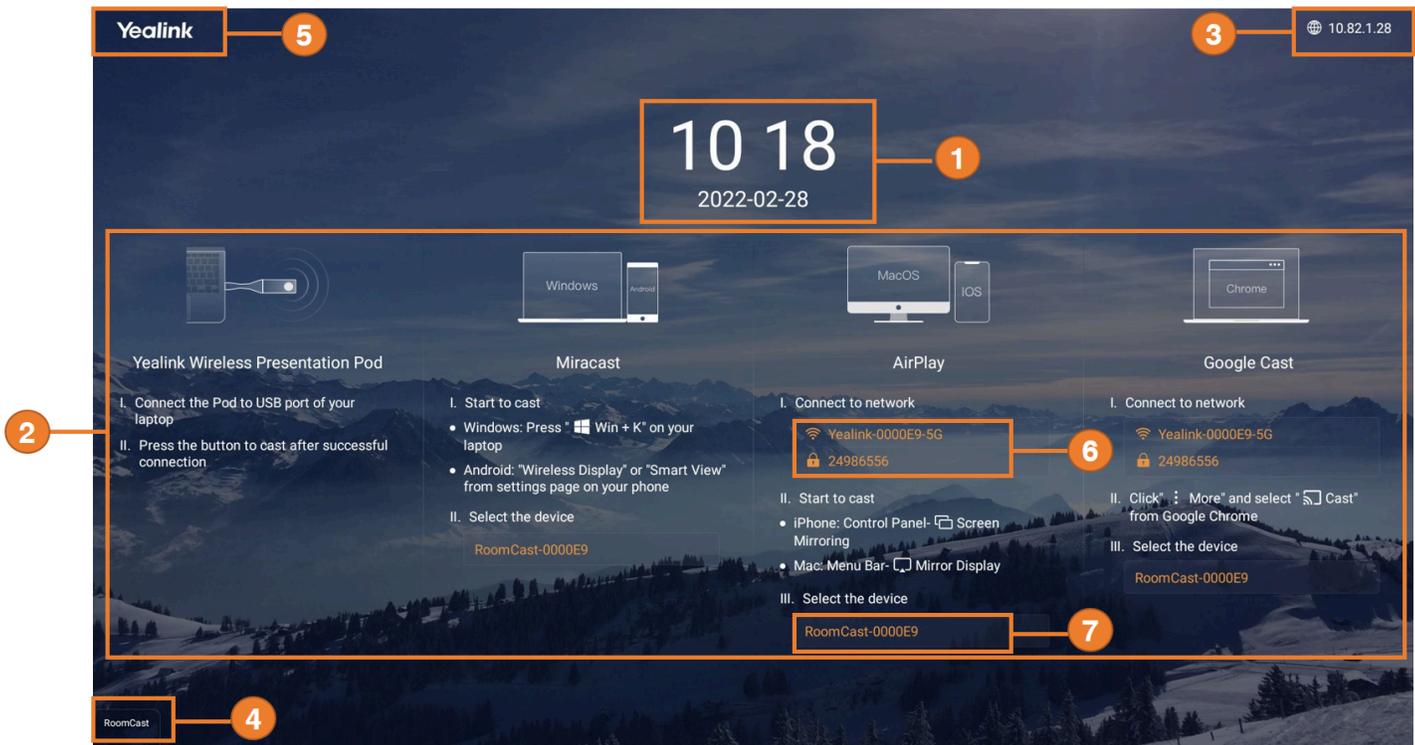
Hardware Overview

No.	Port Name	Description
1	DC12V port	Connect to the power source via a power adapter.
2	Internet port	Connect to the network device.
3	HDMI port	Connect to a screen/projector for displaying video images.
4	USB port	Connect to touch device, Yealink Wireless Presentation Pod, keyboard, mouse, and so on.
5	Security Slot	Allow you to connect a universal security cable to the RoomCast, so you can lock it down. RoomCast cannot be removed when locked.
6	LED Indicator	Display the status of RoomCast.

Related tasks

LED Indicator

Home Screen

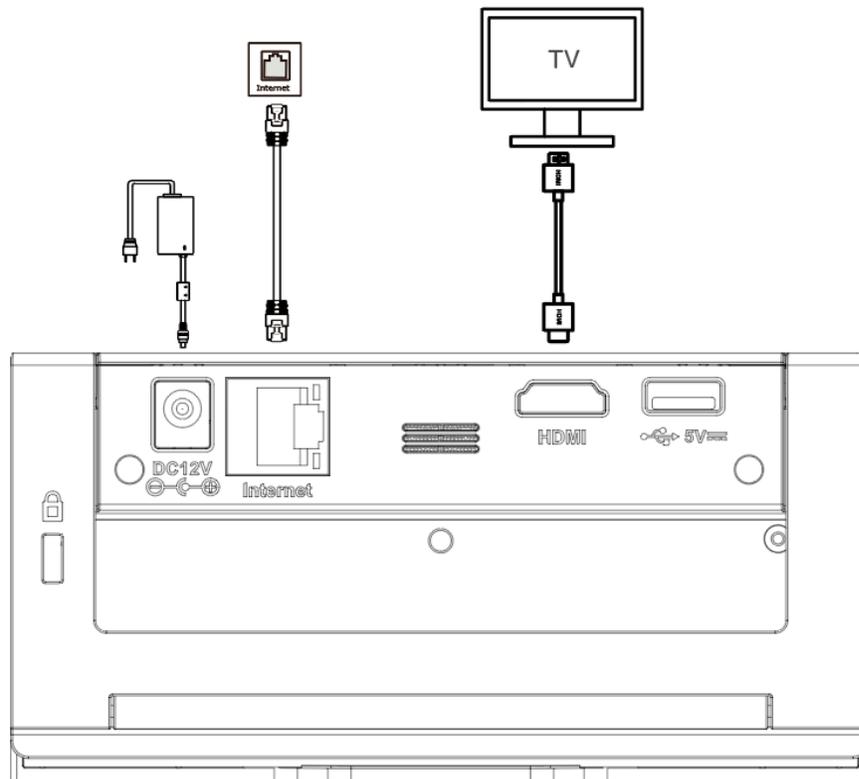| No.	Description
1	Display the time and date.
2	Display the available screen sharing types and methods.
3	Display the IP address of RoomCast.
4	Display the welcome message.
5	Display the brand logo.
6	Display the wireless AP name and password.
7	Display the meeting room name or device name.

Related tasks
Setting the Screen Cast
Customizing the Home Screen

Getting Started

This guide intends to walk you through installing RoomCast and using RoomCast to share screens.

- Deployment and Connection
- Presentation Methods

Deployment and Connection

📝 **Note:** You can connect the RoomCast to a wired network or Wi-Fi.

Related tasks
Connecting to a Wireless Network

Presentation Methods

You can share your screen using Yealink Wireless Presentation Pod, Miracast, AirPlay, and Google Cast. The following section introduces how to use WPP20 to share screens.

Before you begin
Make sure you have paired WPP20 with RoomCast and connected WPP20 to the PC which is powered on.

Procedure

Do one of the following:

- On the WPP20, press the presentation button to share the full screen of the PC.
- On the Yealink Wireless Presentation Pod software, click **Advanced Share**. Select the window you want to share and then click **Start Sharing**.

  📝 **Note:** For more information about other methods, refer to RoomCast Screen Sharing Guide.

Configurations on the Web

This section introduces how to go to the web user interface of RoomCast and configure the basic, network, and system settings.

- Signing in to the Web User Interface
- Basic Settings
- Network Settings
- System Settings

Signing in to the Web User Interface

Procedure

1. You can sign in to the web user interface of RoomCast by the following two methods:

    - When RoomCast connects to a wired/wireless network:

        a. Make sure you connect the PC and RoomCast to the same LAN.
        b. Open a web browser and enter the IP address of RoomCast (displayed in the top-right corner of the home screen).
        c. Enter the **username** and **password** (the default administrator username is *admin* and password is *0000*) and click **Login**.

    - When RoomCast does not connect to a wired network:

        a. Connect PC to the wireless AP provided by RoomCast. (The AP name and password are displayed on the home screen, and the default name is Yealink-XXXXXX.)
        b. Open a web browser and enter the IP address of RoomCast (displayed in the top-right corner of the home screen).
        c. Enter the **username** and **password** (the default administrator username is *admin* and password is *0000*) and click **Login**.
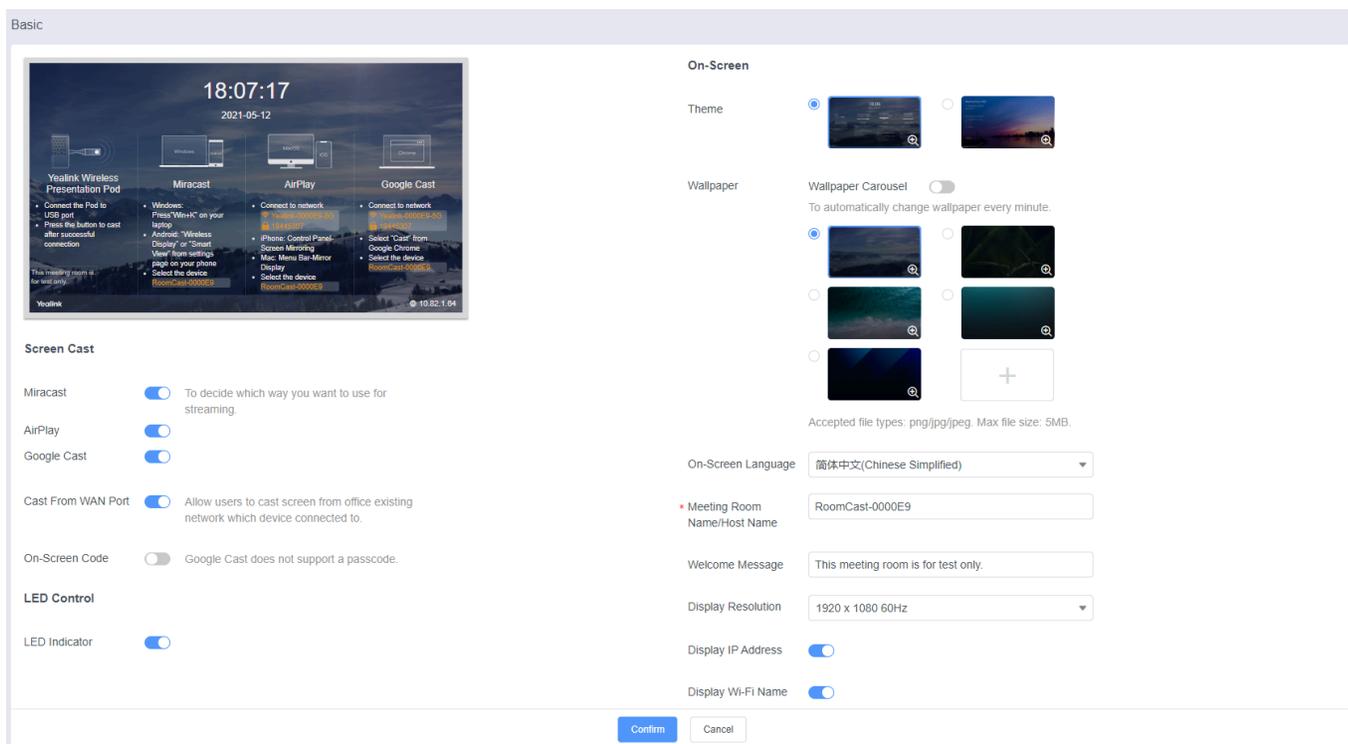
2. After signing in, set the personalization, time, network, and password according to the quick setup.

    > **Note:** The quick setup will pop up automatically when you sign in to the web user interface for the first time. You can also click **Quick Setup** in the bottom-right corner to open it.

Basic Settings

This section introduces how to share screens, customize the home screen, and control the LED indicator.

- [Setting the Screen Cast](#)
- [Customizing the Home Screen](#)
- [LED Indicator](#)

Setting the Screen Cast

You can share your screen using Yealink Wireless Presentation Pod, Miracast, AirPlay, and Google Cast.

Procedure

1. On the web user interface, go to **Basic** > **Screen Cast**.
2. Configure and save the following settings:

Parameter	Description
Miracast	Enable or disable the RoomCast to share screens via Miracast. **Default**: enabled.
AirPlay	Enable or disable the RoomCast to share screens via AirPlay. **Default**: enabled.
Google Cast	Enable or disable the RoomCast to share screens via Google Cast. **Default**: enabled.
Cast from WAN Port	Enable or disable RoomCast to share screens via the office wired network. **Default**: enabled. If disabled, users cannot share screens via the wireless network which the RoomCast connects to.

Parameter	Description
On-Screen Code	Enable or disable the on-screen PIN code when using Miracast or AirPlay to share screens. **Default**: disabled.

> 📝 **Note:** For more information about the screen sharing method of RoomCast, refer to the RoomCast Screen Sharing Guide.

Related tasks

Connecting to a Wireless Network

Customizing the Home Screen

You can customize the wallpaper, language, theme or others for the home screen of RoomCast.

Procedure

1. On the web user interface, go to **Basic** > **On-Screen**.
2. Configure and save the following settings:

Parameter	Description
Theme	Set the RoomCast theme as detailed or simple version. **Default**: detailed.
Wallpaper	Set the RoomCast wallpaper. **Note**: you can upload a wallpaper that you like. Supported file format are png, jpg, or jpeg. The file size should be no more than 5MB and the resolution should be no more than 2MP.
Wallpaper Carousel	Enable or disable the RoomCast wallpaper carousel. **Default**: disabled.
On-Screen Language	Set the RoomCast display language.
Meeting Room Name/Host Name	Set the device name of RoomCast or the name of the meeting room that the RoomCast locates in.
Welcome Message	Set the welcome message of RoomCast.
Display Resolution	Set the resolution of the RoomCast output image. **Default:** auto. The available resolution you can select varies from the screen you connect. RoomCast will automatically select a best resolution to fit the connected screen.
Display IP Address	Enable or disable the home screen to display the RoomCast IP address. **Default**: enabled.
Display Wi-Fi Name	Enable or disable the home screen to display the RoomCast Wi-Fi name. **Default**: enabled.

Parameter	Description
Display Wi-Fi Password	Enable or disable the home screen to display the RoomCast Wi-Fi password. **Default**: enabled. This parameter is available only when you enable the **Display Wi-Fi Name**.
Display Time	Enable or disable the home screen to display the time. **Default**: enabled.
Display Brand Logo	Enable or disable the home screen to display the brand logo. **Default**: enabled. You can upload your brand logo. Supported file format are png, jpg, or jpeg. The file size should be no more than 5MB.

Related information

Home Screen

LED Indicator

You can enable or disable the LED indicator of RoomCast.

Procedure

1. On the web user interface, go to **Basic** > **LED Control**.
2. Enable or disable the **LED Indicator**.

Status	Description
Red	In idle mode
Green	Working
Off	Power off

Network Settings

This section introduces: how to connect the RoomCast to a wireless network and use RoomCast to provide a Wi-Fi Hotspot.

- [Connecting to a Wireless Network](#)
- [Wi-Fi Hotspot](#)

Connecting to a Wireless Network

Except for connecting the RoomCast to a wired network, you can also connect it to a wireless network.

Procedure

1. On your web user interface, go to **Network** > **Wireless Network** > **Connect to Exiting Network**.
2. Click **Scan Wireless Network** to search for the wireless network.
3. Select the desired wireless network and connect the RoomCast to it.

   If the network is protected with password, enter its password.
4. Click **Confirm** to connect.

   The display device prompts that the RoomCast is connected to a wireless network.

   Note: The feature of **Connect to Exiting Network** is enabled by default. If you disable this feature, the RoomCast cannot connected to a wireless network.

Related tasks

[Signing in to the Web User Interface](#)

Wi-Fi Hotspot

You can set the parameters of the Wi-Fi hotspot provided RoomCast.

Procedure

1. On your web user interface, go to **Network** > **Wireless Network** > **Wi-Fi Hotspot**.

2. Configure and save the following settings:

Parameter	Description
Wi-Fi Hotspot	Enable or disable the Wi-Fi hotspot. **Default**: enabled.
Band	Configure the frequency of the Wi-Fi hotspot. • 2.4G • 5G **Default:** 5G.
Network Name	Configure the name of the Wi-Fi hotspot. **Note**: if you change the above parameter, you need to unplug and plug WPP20 to connect it to the RoomCast to refresh the Wi-Fi setting. Besides, you need to reconnect the devices connected to the Wi-Fi Hotspot provided by the RoomCast.
Password	Configure the password of the Wi-Fi hotspot. **Note**: if you change the above parameter, you need to unplug and plug WPP20 to connect it to the RoomCast to refresh the Wi-Fi setting. Besides, you need to reconnect the devices connected to the Wi-Fi Hotspot provided by the RoomCast.
Channel	Configure the channel of the Wi-Fi hotspot. • Auto • 36 • 40 • 48 • 149 • 153 • 157 • 161 • 165 **Default:** auto.
LAN IP Address	Configure the generation type of Wi-Fi hotspot address. • **Auto** - generate the address segment of the Wi-Fi hotspot automatically. The default network segment is 192.168.144.X. • **Manual** - if the auto generated network segment conflicts with the one you use, you can change the network segment, for example. **Default:** auto.
IP Address	Configure the IP address of the Wi-Fi hotspot. **Note**: The IP address you enter should meet the format, for example, 192.168.145.X. Only when the **LAN IP Address** is set to manual do you need to configure this parameter.

Parameter	Description
Network Isolation	Enable or disable the network isolation.
	Default: disabled. Generally, the devices connected to the Wi-Fi Hotspot provided by the RoomCast can access the internet. However, if you enable this feature, those devices can only share screens but cannot access the internet.

System Settings

This section introduces how to set the power and update schedule for the RoomCast.

- Power Schedule
- Power Saving
- Automatic Update

Power Schedule

If you enable this feature, the power saving mode automatically starts after the RoomCast is inactive for a specified amount of time outside the defined working hours. You can set working hours and add up to 5 working hours. If you disable this feature, the RoomCast is in working status all the time.

Procedure

1. On the web user interface, go to **System** > **Power Schedule** > **Power Schedule**.
2. Enable **Power Saving**
3. Click **Add**, set the time, and click **Save**.

   Note: If you add multiple working hours, they will take effect simultaneously.

Power Saving

During power saving mode, no HDMI signal is outputting, while the Wi-Fi is still working. You can start screen sharing to wake up the RoomCast.

Procedure

1. On the web user interface, go to **System** > **Power Schedule** > **Power Schedule**.
2. Enable **Power Saving**.
3. In the **Power Saving Timeout** field, set the time and click **Confirm**.

> 📝 **Note:** Activate the RoomCast with any of the following actions:
>
> - Any device connects to the wireless AP provided by the RoomCast
> - Any device starts screen casting
> - Plug in or unplug the USB cable
> - Plug in the HDMI cable
> - Wake up the display device

Automatic Update

If you enable this feature, the RoomCast will check whether a new version is available at a specific time each day. If it is, the RoomCast will automatically upgrade to the new version.

Procedure

1. On the web user interface, go to **System** > **Update** > **Update Schedule**.
2. Enable **Automatic Update**.
3. Set the **Update Time** and click **Confirm**.

Digital Signage

RoomCast can be used as digital signage for enterprise needs to welcome external visitors and display culture promotion or announcements.

Once the RoomCast is connected to the Yealink Device Management Platform, it can synchronize meeting room calendars and digital signage content after the device is bound to a meeting room.

- Connecting to Yealink Device Management Platform
- Synchronizing to Meeting Room Calendar
- Digital Signage Content

Connecting to Yealink Device Management Platform

RoomCast supports connecting to Yealink Management Cloud Service(YMCS) or Yealink Device Management Platform(YDMP) to manage, diagnose and alarm all devices in a unified manner.
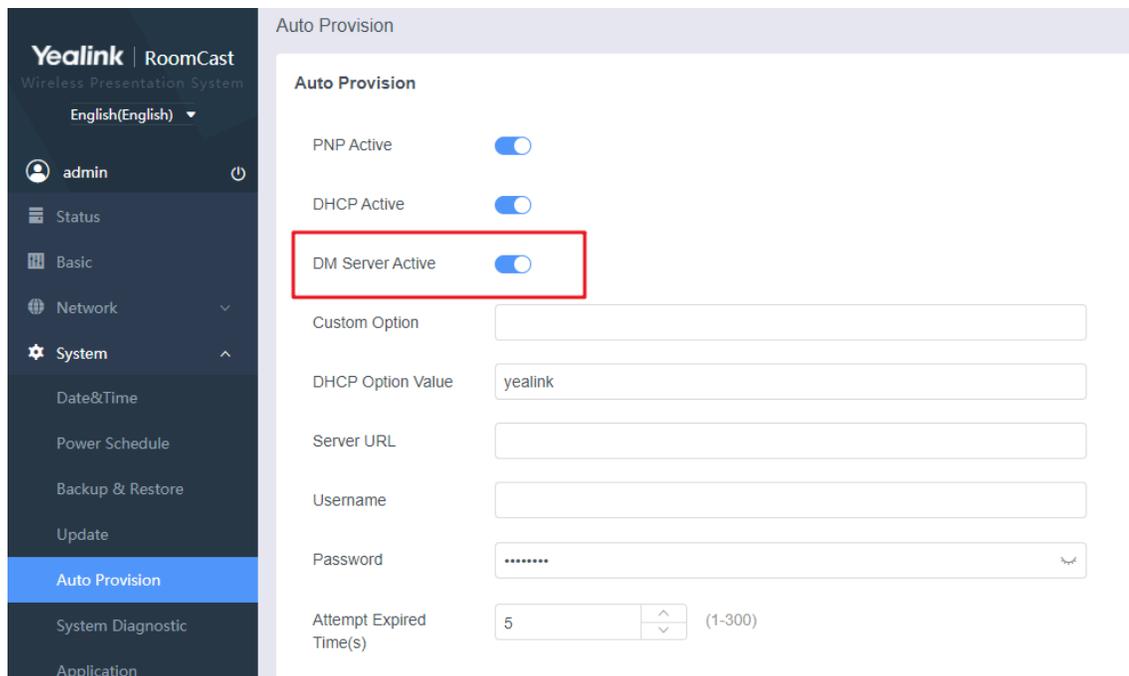
About this task
Before powering the device for the first time or restoring to factory settings, you need to add the device to the YMCS or YDMP. After the device is powered on, it will automatically connect to the management platform without manually opening it on the web user interface.

For more information on how to use YMCS or YDMP, please refer to the Yealink Management Cloud Service Administrator Guide/Yealink Device Management Platform Administrator Guide.
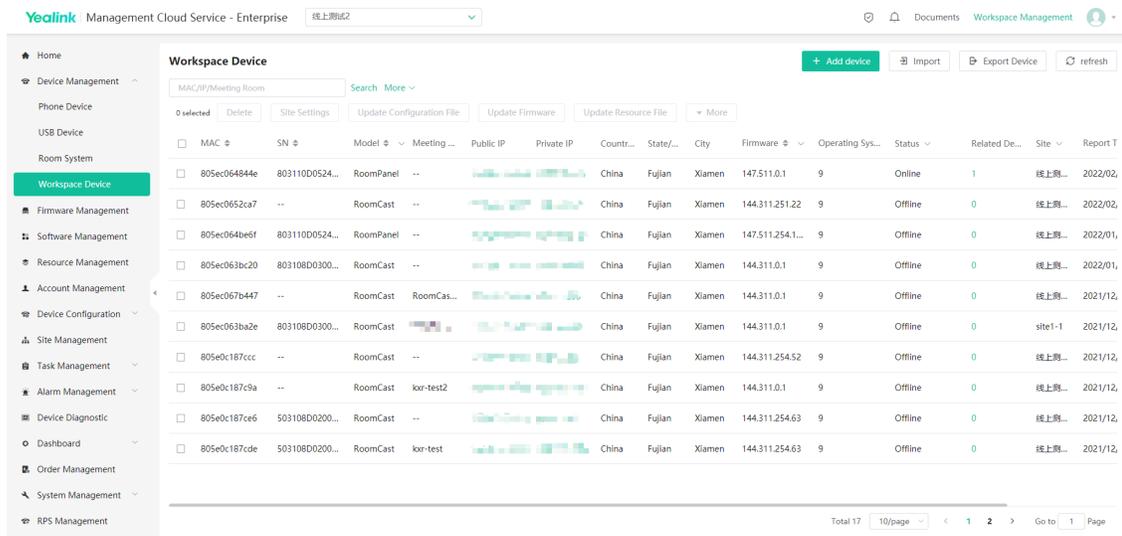
Turning on via Web User Interface Manually：

Procedure

1. Go to the web user interface of RoomCast.
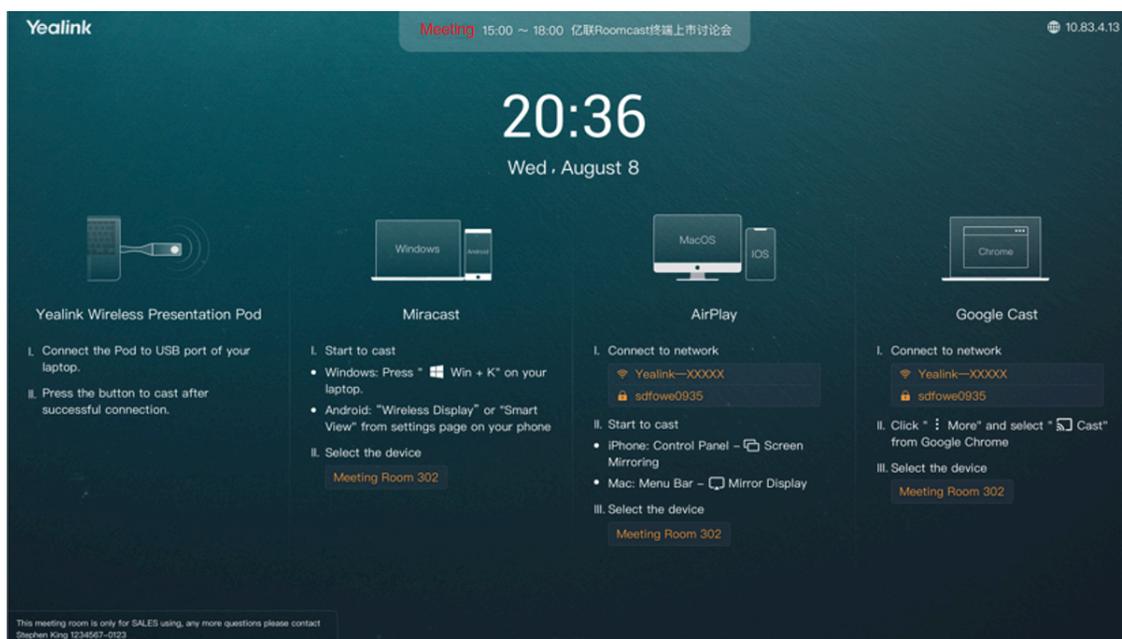2. Go to **System** > **Auto Provision**, enable **DM Server Active**.

3. Adding devices in the YDMP.

Synchronizing to Meeting Room Calendar

After adding the RoomCast to the YDMP, you can bind it to the meeting room in the Yealink Workspace Management Platform(YWMP). The meeting room schedule will be automatically synced to RoomCast and displayed at the top (detailed mode)/bottom (minimalist mode) of the RoomCast home screen.

Digital Signage Content

Digital signage is used to display the information needs such as enterprise culture promotion, enterprise announcement information proclamation, and external visitor welcome.

You can configure and set the digital signage in the YWMP. Please refer to **Yealink Workspace Management Platform Administrator Guide**.