

Yealink VCS Endpoint Release Notes of Version 31

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Yealink VCS Endpoint Release Notes of Version

63.31.0.20

1. Introduction

- Firmware Version:
 - VC800: 63.30.0.10 upgrades to 63.31.0.20
 - VC500: 71.30.0.10 upgrades to 63.31.0.20
 - CP960: 73.80.0.45 upgrades to 73.80.0.50
- Applicable Models: VC800, VC500, CP960
- Release Date: Mar 29th, 2018.

2. New Features

1. Supported CPW90-BT Wireless Microphone.
2. Added the feature of wireless content sharing.

3. Optimization

None

4. Bug Fixes

1. Fixed the issue that some codecs may cause VCS endpoint exception.
2. Fixed the issue that the VCS endpoint may restart abnormally while using LLDP protocol.
3. Fixed the issue that video may be frozen during a video call.
4. Improved the system stability while attaching external USB devices.

Yealink VCS Endpoint Release Notes of Version

63.31.0.10

1. Introduction

- Firmware Version:
 - VC800: 63.30.0.8 upgrades to 63.31.0.10
 - VC500: 71.30.0.8 upgrades to 63.31.0.10
 - CP960: 73.80.0.25 upgrades to 73.80.0.45
 - VCC22: 63.31.0.10
- Applicable Models: VC800, VC500, CP960, VCC22
- Release Date: Jan 22nd, 2018.

2. New Features

1. Added the feature of Video Call Rate.
2. Added the feature that you can change the size of video during the video call.
3. Added the feature of EQ Self-Adaption.
4. Added the feature of Screen Saver.
5. Added the feature that while using H264 High profile video codec, the system supports multi-encoder during a single meeting (up to 5 encoders).
6. Added the feature of H.265/H.264 self-adaptation.
7. Added the feature of Using VCC22 Video Conferencing Cameras.
8. Added the feature of Consumer Electronics Control (CEC).
9. Added the feature that you can use Cloud 2.0 account to log into VCS endpoint.
10. Supported two Wireless Micropod Kits which including one DECT Dongle and four wireless micropods.
11. Added the feature that you can adjust the dynamic bandwidth during content sharing.
12. Supported Touch TV, like MAXHUB, KTC, ect.
13. Added the feature that it can play sound when locally previewing sharing content.

14. Added the feature that you can use the USB External Sound Adapter on VC500.
15. Added the feature that you can control the camera and set the display resolution via CP960.
16. Added the address of Yealink Demo in the contact list by default.

3. Optimization

1. Use Opus by default and you can configure the Opus Sample Rate via web user interface.
2. During a single video call, the feature of Enabled 60fps is enabled by default.
3. Optimized the feature of Multipoint License.
4. Optimized the feature of Frame Rate and Resolution.
5. Optimized the feature that if you only have one display device, whether you connect it to HDMI1 port or HDMI2 port, you can get the same user interface.
6. Optimized the feature of Video Recording.
7. Optimized the user interface of VCS endpoint.
8. Optimized the screen layout during the call.
9. Optimized the feature of Conference Management when using VC800 to initiate a conference.
10. You can save up to 99 camera presets.

4. Bug Fixes

1. Fixed some bugs and improved the system stability as well as compatibility.
2. Optimized the feature of Yealink Noise Proof.
3. Optimized the feature of content sharing.

5. New Features Descriptions

1. Added the feature of Video Call Rate.

Description: You can specify the maximum video call rate. The configurable video call rates on the system are: 64kb/s, 128kb/s, 256kb/s, 384kb/s, 512kb/s, 768kb/s, 1024kb/s, 1280kb/s, 1500kb/s, 2000kb/s, 3000kb/s, 4000kb/s, 5000kb/s, 6000kb/s. The call rate of audio and PC content are also affected by this configuration.

To configure video call rate via web user interface:

Click on **Setting** -> **Call Features**.

The screenshot shows the Yealink VC800 web interface. The top navigation bar includes 'About', 'Language', and 'Logout'. Below it, a green header contains 'Yealink VC800' and menu items: 'Home', 'Status', 'Account', 'Network', 'Setting' (highlighted), 'Directory', and 'Security'. On the left, a sidebar lists various settings categories, with 'Call Features' selected. The main content area displays a list of settings for 'Call Features':

| | |
|---------------------------------|--------------------|
| DND | Disabled |
| Auto Answer | Enabled |
| Auto Answer Mute | Enabled |
| Auto Answer Multiway | Enabled |
| Auto Dialout Mute | Disabled |
| Call Match | Enabled |
| History Record | Enabled |
| Call Protocol | Auto |
| Video Call Rate | 2000kb/s |
| Abnormal Call Answering | IP Call Answer |
| Safe Mode Call | Disabled |
| Ringback Timeout(30-240) | 180 |
| Auto Refuse Timeout(30-240) | 120 |
| SIP IP Call by Proxy | Off |
| Default Layout of Single Screen | Picture in Picture |
| Network Address Adapter | IP & Port Adapter |

2. Added the feature of EQ Self-Adaption.

Description: The system supports EQ self-adaption to optimize the acoustic effect.

To configure EQ self-adaption via web user interface:

Click on **Setting** -> **Video & Audio**.

The screenshot shows the Yealink VC800 web interface. The top navigation bar includes 'About', 'Language', and 'Logout'. Below it, a green header contains 'Yealink VC800' and menu items: 'Home', 'Status', 'Account', 'Network', 'Setting' (highlighted), 'Directory', and 'Security'. On the left, a sidebar lists various settings categories, with 'Video & Audio' selected. The main content area displays 'Audio Settings':

| | |
|-------------------------|----------------|
| EQ Self Adaption | Enabled |
| Audio Input | Auto |
| Audio Output | Auto |

Below 'Audio Settings' are other sections:

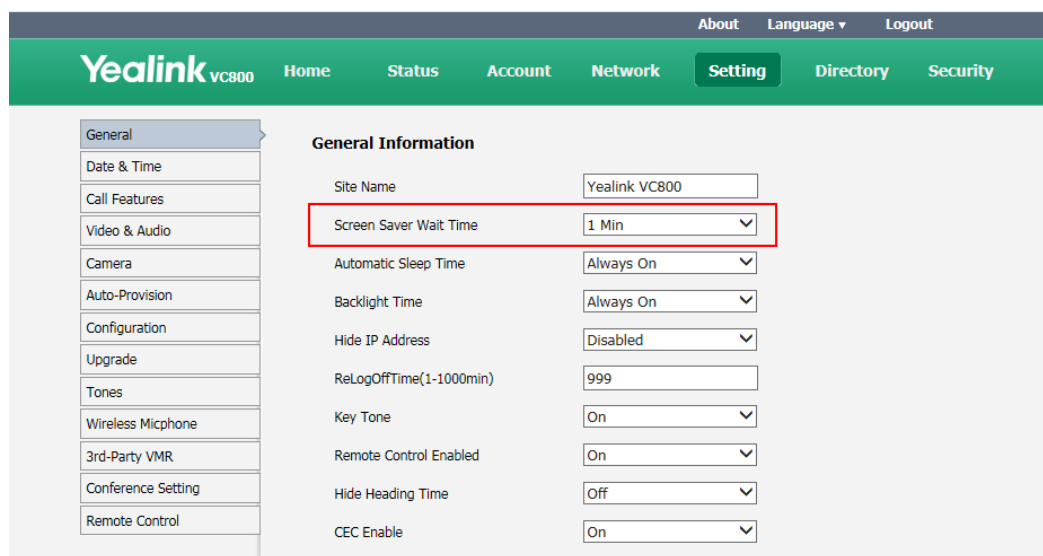
- Presentation**: Mix (On)
- Far-end Camera Control**: Not FECC in call(0~300s) (15), Far Control Near Camera (Enabled)
- Output Resolution**: Display1 (Auto(1920 x 1080 60+)), Display2 (Auto(1920 x 1080 60+))

3. Added the feature of Screen Saver.

Description: The screen saver will automatically start each time your system has been idle for a certain amount of time (the default time is 1 minute). The screen saver is used to blank the screen or fill it with moving images.

To configure the screen saver waiting time via web user interface:

Click on **Setting** -> **General**.



4. Added the feature of H.265/H.264 self-adaptation.

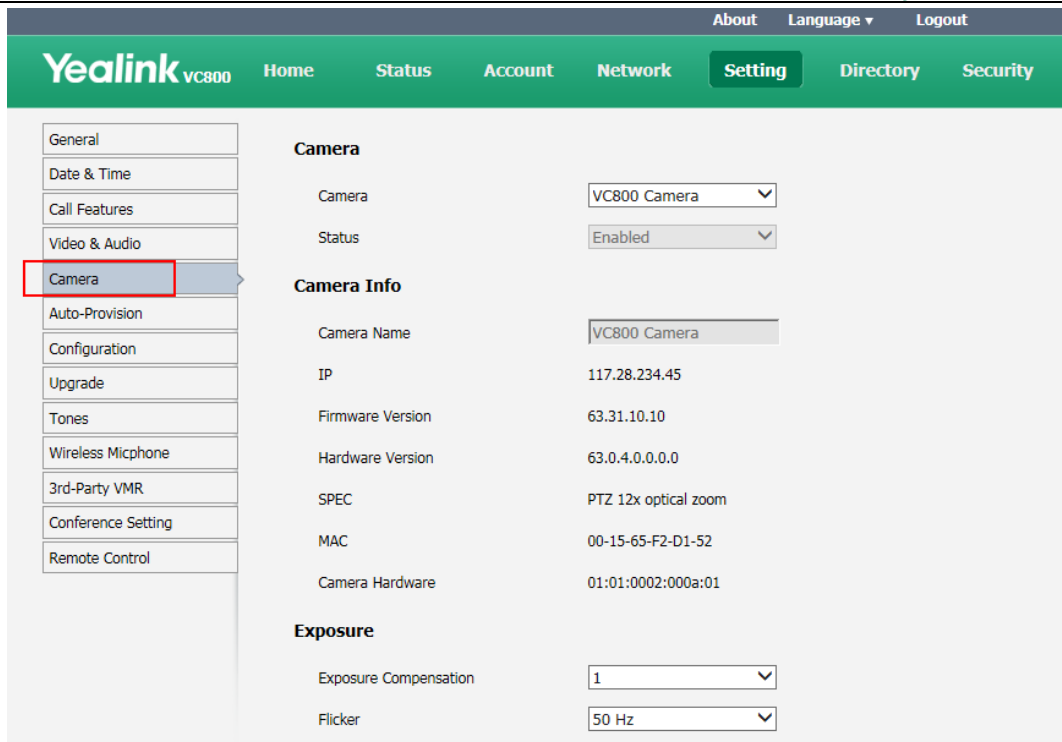
Description: If you are using H.265 video codec during a two-way video calls, the system will negotiate to use H264 High profile video codec automatically when placing a new call.

5. Added the feature of Using VCC22 Video Conferencing Cameras.

Description: You can connect up to 8 VCC22 video conferencing cameras to the VC800 video conferencing system.

To configure camera settings via web user interface:

Click on **Setting** -> **Camera**.



The screenshot shows the Yealink VC800 web interface. At the top, there are navigation links for 'About', 'Language', and 'Logout'. Below that is a green header with 'Yealink VC800' and a menu with 'Home', 'Status', 'Account', 'Network', 'Setting' (highlighted), 'Directory', and 'Security'. On the left, a sidebar contains various configuration categories, with 'Camera' highlighted by a red box. The main content area is titled 'Camera' and includes the following settings:

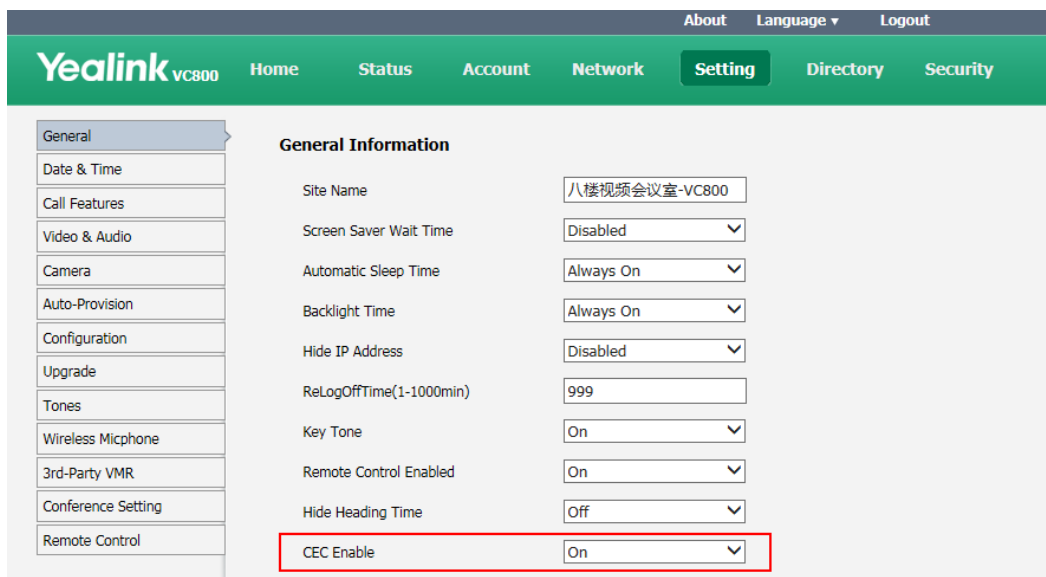
- Camera:** VC800 Camera (dropdown)
- Status:** Enabled (dropdown)
- Camera Info:**
 - Camera Name: VC800 Camera
 - IP: 117.28.234.45
 - Firmware Version: 63.31.10.10
 - Hardware Version: 63.0.4.0.0.0.0
 - SPEC: PTZ 12x optical zoom
 - MAC: 00-15-65-F2-D1-52
 - Camera Hardware: 01:01:0002:000a:01
- Exposure:**
 - Exposure Compensation: 1 (dropdown)
 - Flicker: 50 Hz (dropdown)

6. Added the feature of Consumer Electronics Control (CEC).

Description: Consumer Electronics Control (CEC) is a feature of HDMI designed to allow users to command and control devices connected through HDMI by using only one remote control. CEC feature is enabled by default on Yealink video conferencing system. Ensure that all display devices connected to the system supports and enables CEC feature.

To configure CEC feature via the web user interface:

Click on **Setting** -> **General**.



The screenshot shows the Yealink VC800 web interface with the 'Setting' menu selected. The left sidebar has 'General' highlighted with a blue box. The main content area is titled 'General Information' and includes the following settings:

- Site Name: 八楼视频会议室-VC800
- Screen Saver Wait Time: Disabled (dropdown)
- Automatic Sleep Time: Always On (dropdown)
- Backlight Time: Always On (dropdown)
- Hide IP Address: Disabled (dropdown)
- ReLogOffTime(1-1000min): 999
- Key Tone: On (dropdown)
- Remote Control Enabled: On (dropdown)
- Hide Heading Time: Off (dropdown)
- CEC Enable: On (dropdown)** (highlighted with a red box)

6. Optimization Descriptions

1. Optimized the feature of Multipoint License.

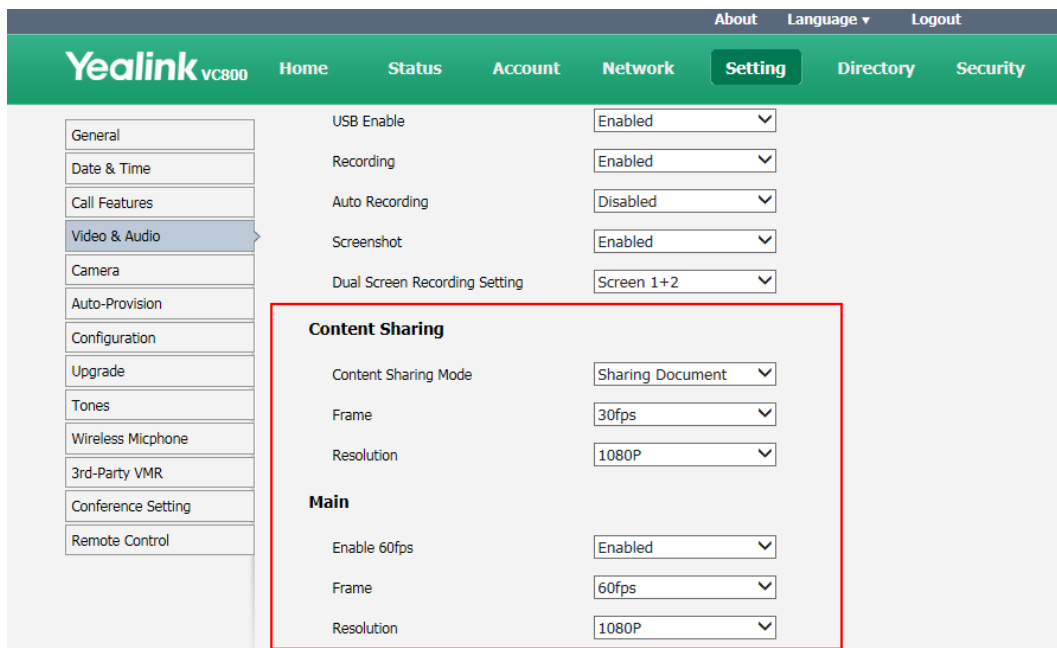
Description: With an 8 ways multipoint license, VC800 can support 8 ways video call with a presentation and 5 voice calls (a conference moderator and 13 participants); With a 16 ways multipoint license, VC800 can support 16 ways video call with a presentation and 5 voice calls (a conference moderator and 21 participants); With a 24 ways multipoint license, VC800 can support 24 ways video call with a presentation (a conference moderator and 24 participants).

2. Optimized the feature of Frame Rate and Resolution.

Description: You can specify the maximum frame and resolution for the video and shared content.

To configure the frame and resolution via web user interface:

Click on **Setting** -> **Video & Audio**.



3. Optimized the feature of Video Recording.

Description: You can record the video on the selected screen when you are using dual screen. By default, the system will record video on dual screen.

To configure video recording via web user interface:

Click on **Setting** -> **Video & Audio**.

The screenshot shows the Yealink VC800 web interface. At the top, there is a navigation bar with 'Yealink VC800' on the left and 'About', 'Language', and 'Logout' on the right. Below this is a secondary navigation bar with 'Home', 'Status', 'Account', 'Network', 'Setting' (highlighted), 'Directory', and 'Security'. On the left side, there is a sidebar menu with the following items: General, Date & Time, Call Features, Video & Audio (highlighted), Camera, Auto-Provision, Configuration, Upgrade, Tones, Wireless Micphone, 3rd-Party VMR, Conference Setting, and Remote Control. The main content area is divided into sections: 'Not FECC in call(0~300s)' with a value of '15'; 'Far Control Near Camera' with a value of 'Enabled'; 'Output Resolution' with 'Display1' and 'Display2' both set to 'Auto(1920 x 1080 60+)'; 'USB Config' with 'USB Enable', 'Recording', and 'Screenshot' all set to 'Enabled', and 'Auto Recording' set to 'Disabled'. The 'Dual Screen Recording Setting' is set to 'Screen 1+2' and is highlighted with a red rectangular box.

| | | |
|--------------------|-------------------------------|-----------------------|
| General | Not FECC in call(0~300s) | 15 |
| Date & Time | Far Control Near Camera | Enabled |
| Call Features | Output Resolution | |
| Video & Audio | Display1 | Auto(1920 x 1080 60+) |
| Camera | Display2 | Auto(1920 x 1080 60+) |
| Auto-Provision | USB Config | |
| Configuration | USB Enable | Enabled |
| Upgrade | Recording | Enabled |
| Tones | Auto Recording | Disabled |
| Wireless Micphone | Screenshot | Enabled |
| 3rd-Party VMR | Dual Screen Recording Setting | Screen 1+2 |
| Conference Setting | | |
| Remote Control | | |