

Yealink VC Series Video Conferencing System Release Notes of Version 21

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Yealink VC Series Video Conferencing System Release

Notes of Version x.21.0.19

1. Introduction

- Firmware Version:
VC400: 30.20.0.6 upgrades to 30.21.0.19
VC120: 40.20.0.6 upgrades to 40.21.0.19
VC110: 50.20.0.6 upgrades to 50.21.0.19
- Applicable Models: VC400, VC120, VC110
- Release Date: Aug 12th, 2016.

2. New Features

1. Added the feature that users can have an 8-way calls (8 video calls and 1 audio call) in VC120 video conferencing system after importing an 8-way conference license successfully.
2. Added the feature that VC120 codec can be used with the 12X camera VCC20 and the VCS Phone VCP41.
3. Added the feature of API support.
4. Added Polish as a new supported language and +1 Poland (Warsaw) as a new supported time zone.
5. Added the feature of multiplexed media mode in VC120/VC400 video conferencing system and VC110 video conferencing endpoint.
6. Added the configuration item for output resolution.
7. Added the feature that when recording local video via the remote control, the recording icon  will be shown at the top left of the screen.
8. Added the feature that you can enable or disable video recording feature, auto recording feature and screenshot feature via web user interface.
9. Added the feature that you can enable web screen feature via the remote control only.
10. Added the feature of IPv6.
11. Added the feature of host-mode conference in VC400/VC120 video conferencing

system.

3. Optimization

1. Optimized the translation of Czech on web user interface.
2. Optimized the feature that you can configure DTMF type as SIP INFO for both SIP account and SIP IP call via web user interface.
3. Optimized the feature that when the bandwidth is 256kb/s, the resolution can be up to W576P.
4. Optimized the feature that you can adjust the volume to 0 during the call.

4. Bug Fixes

1. Fixed some bugs and improved the system stability as well as compatibility.
2. Fixed some bugs about compatibility with other VCS products of business partners.
3. Fixed compatibility issue with HDMI output and dispatching console.

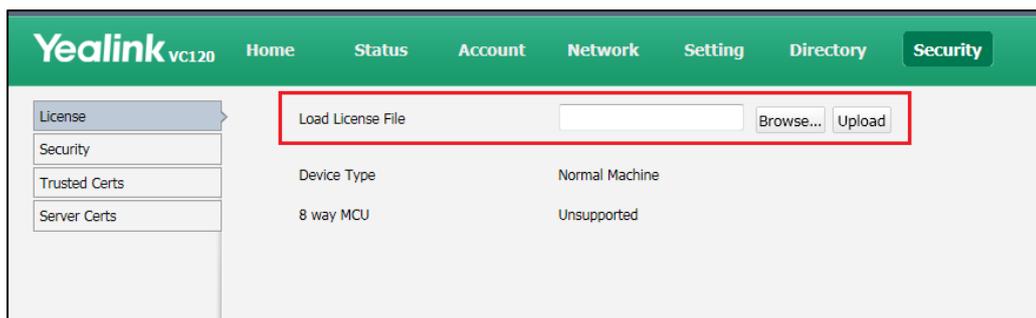
5. New Features Descriptions

1. **Added the feature that users can have an 8-way calls (8 video calls and 1 audio call) in VC120 video conferencing system after importing an 8-way conference license successfully.**

Description: The basic version of VC120 video conferencing system supports 2-way calls (1 video calls and 1 voice call). You can import an 8-way conference license to extend the VC120 to support 8-way calls (8 video calls and 1 voice call). 8-way conference license is configurable via the web user interface only.

To import the 8-way conference license via the web user interface:

Click on **Security** -> **License**



2. Added the feature of API support.

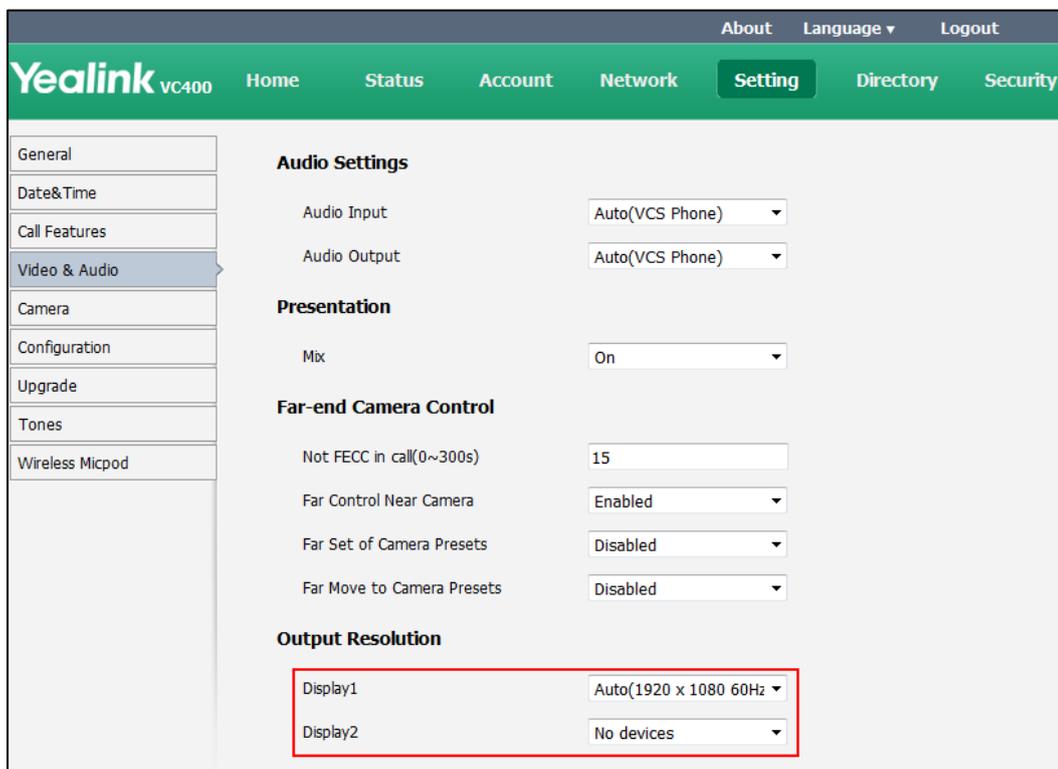
Description: Support the connection between TCP/IP & RS232 and central control system, and be compatible with CRESTRON and AMX platforms.

3. Added the configuration item for output resolution.

Description: VC400/VC120/VC110 supports output resolution adjustment. You can adjust output resolution of primary/secondary display device respectively. Make sure the display device has connected to the VC400/VC120/VC110 Codec before configuration.

To configure output resolution via web user interface:

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



4. Added the feature that when recording local video via the remote control, the recording icon will be shown at the top left of the screen.

Description: You can record local video via the remote control when the endpoint is idle, and the recording icon  will be shown at the top left of the screen which means that the recording is in progress.



5. **Added the feature that you can enable or disable video recording feature, auto recording feature and screenshot feature via web user interface.**

Description: You can enable or disable video recording feature, auto recording feature and screenshot feature via web user interface, all these three features are enabled by default. Note that the auto recording feature is available only when the recording feature is enabled, and if it is set to Enabled, the endpoint will start recording automatically once a call is established.

To configure these three features via web user interface:

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

The screenshot shows the Yealink VC400 web interface with the 'Setting' menu selected. The left sidebar contains a navigation menu with 'Video & Audio' highlighted. The main content area is divided into several sections:

- Audio Input:** Auto(VCS Phone)
- Audio Output:** Auto(VCS Phone)
- Presentation:** Mix is set to 'On'.
- Far-end Camera Control:**
 - Not FECC in call(0~300s): 15
 - Far Control Near Camera: Enabled
 - Far Set of Camera Presets: Disabled
 - Far Move to Camera Presets: Disabled
- Output Resolution:**
 - Display1: Auto(1920 x 1080 60Hz)
 - Display2: No devices
- Record (highlighted in red):**
 - Recording: Disabled
 - Auto Recording: Disabled
 - Screenshot: Enabled

At the bottom of the settings area, there are 'Confirm' and 'Cancel' buttons.

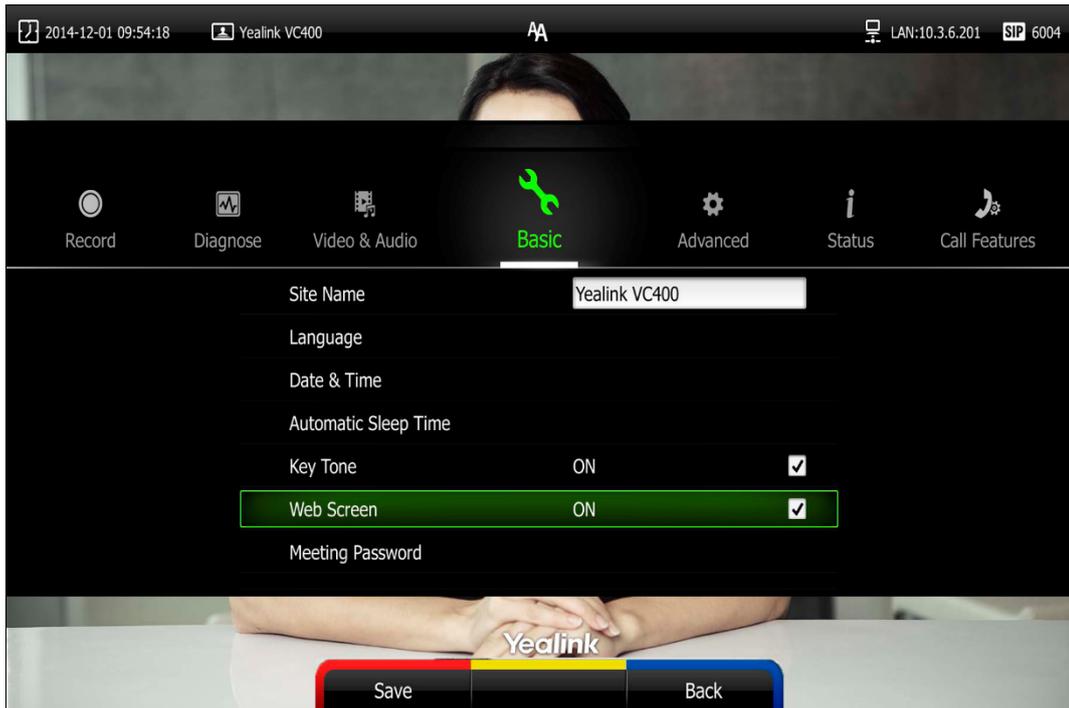
6. Added the feature that you can enable web screen feature via the remote control only.

Description: You can enable the web screen feature to allow the user to watch video images captured by local camera on the web user interface.

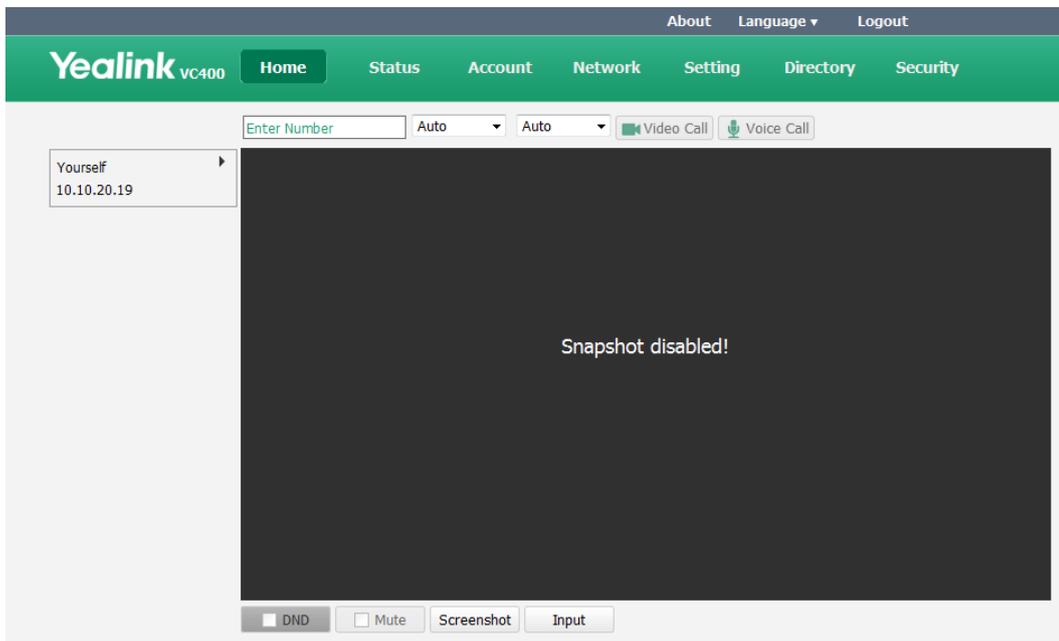
Web screen is configurable via the remote control only and it is enabled by default.

To configure the web screen via the remote control:

Select **Menu** -> **Basic** -> **Web Screen**



After this feature is enabled, if the Home page on the web user interface cannot display the video images, the screen will show “Snapshot disabled!” as below:



7. Added the feature of IPv6.

Description: IPv6, which designed as a replacement for the current IPv4 protocol, uses a 128-bit address, consisting of eight groups of four hexadecimal digits separated by colons; For example, 2026:1234:1:1:215:65ff:fe1f:caa. You can configure IPv6 address assignment method via web user interface or via phone

user interface.

(**Note:** At present, when sending a presentation or in the FECC IPv6 mode, the IPv6 is unavailable.)

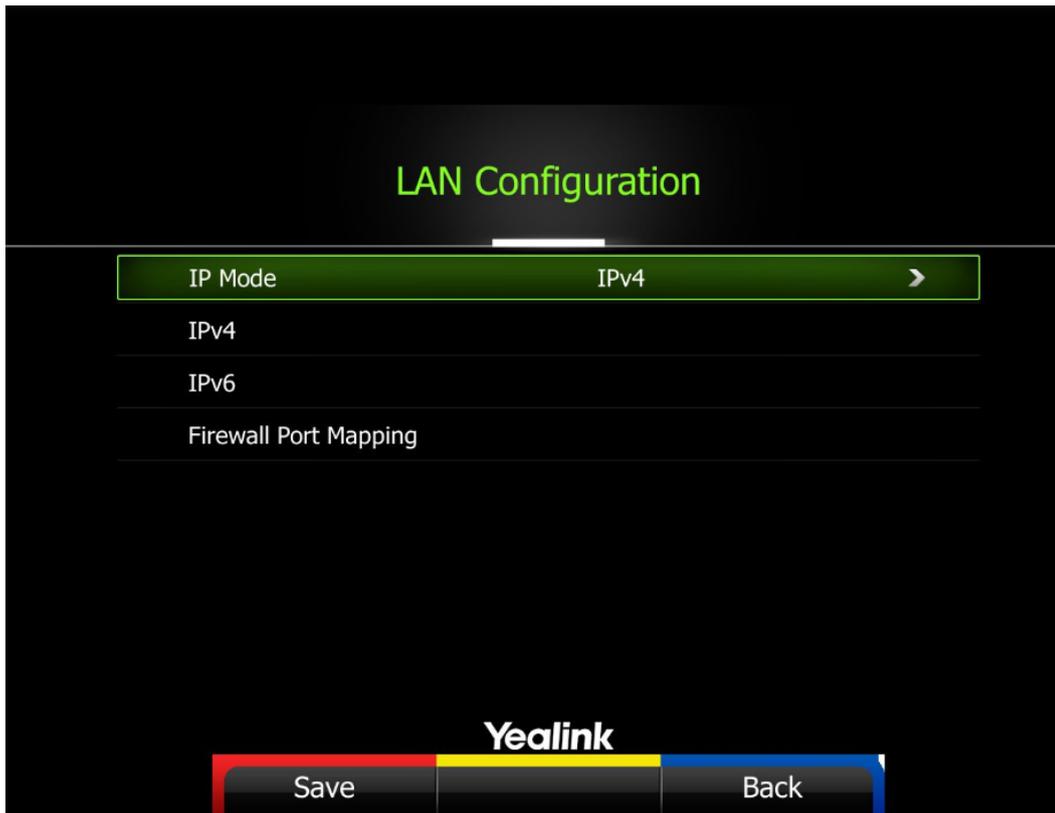
To configure IPv6 address assignment method via web user interface:

Click on **Network** -> **LAN Configuration**.

The screenshot displays the Yealink web interface for LAN Configuration. The top navigation bar includes 'Home', 'Status', 'Account', 'Network', 'Setting', 'Directory', and 'Security'. The left sidebar shows 'LAN Configuration', 'NAT/Firewall', 'Advanced', and 'Diagnose'. The main content area is titled 'Internet Port' and contains two sections: 'IPv4 Config' and 'IPv6 Config'. In the 'IPv4 Config' section, the 'DHCP' radio button is selected. In the 'IPv6 Config' section, the 'DHCP' radio button is also selected. A dropdown menu for 'IPv4/IPv6' is open, showing options: 'IPv4', 'IPv4', 'IPv6', and 'IPv4 & IPv6'. The 'Confirm' and 'Cancel' buttons are located at the bottom of the form.

To configure IPv6 address assignment method via phone user interface:

Select **Menu** -> **Advanced** (default password: 0000) -> **LAN Configuration**.



8. Added the feature of host-mode conference in VC400/VC120 video conferencing system.

Description: In VC400/VC120 video conferencing system, when the number of participants is greater than or equal to 5 in a multi-point video conference, the conference will be a host-mode conference. The conference organizer will act as the conference host who can manage the conference. Host-mode conference supports Single Speaker, Multi Speaker and Free Discuss three conference modes. For more information, please refer to

Yealink_VC400_Video_Conferencing_System_User_Guide_V21.15

or

Yealink_VC120_Video_Conferencing_System_User_Guide_V21.15



6. Optimization Descriptions

1. Optimized the feature that you can configure DTMF type as SIP INFO for both SIP account and SIP IP call via web user interface.

Description: DTMF digits are transmitted by the SIP INFO messages when the voice stream is established after a successful SIP 200 OK-ACK message sequence. The SIP INFO message is sent along the signaling path of the call. The SIP INFO message can transmit DTMF digits in three ways: DTMF, DTMF-Relay and Telephone-Event.

To configure DTMF type for SIP account via web user interface:

Click on **Account->SIP Account**.

About Language Logout

Yealink VC400 Home Status **Account** Network Setting Directory Security

H323	Register Status	Registered
SIP Account	SIP Account	Enabled
SIP IP Call	Register Name	1008
Codec	User Name	1008
	Password	••••••••
	Server Host	10.2.1.48 Port 5060
	Enable Outbound Proxy Server	Disabled
	Outbound Proxy Server	Port 5060
	Transport	UDP
	Server Expires	3600
	S RTP	Disabled
	DTMF Type	SIP INFO
	DTMF Info Type	DTMF
	DTMF Payload Type (96~127)	101
	NAT_Traversal	STUN
	Keep Alive Interval	30
	RPort	Enabled

To configure DTMF type for SIP IP call via web user interface:

Click on **Account->SIP IP Call**.

About Language Logout

Yealink VC400 Home Status **Account** Network Setting Directory Security

H323	SIP IP Call Enable	Enabled
SIP Account	Transport	TCP
SIP IP Call	S RTP	Disabled
Codec	DTMF Type	SIP INFO
	DTMF Info Type	DTMF
	DTMF Payload Type (96~127)	101
	NAT_Traversal	Disabled
	RPort	Enabled
	BFCP	Enabled
	FECC(SIP)	Enabled