

## **Yealink VP-2009P interoperates with Radvision video system**

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## 1. Overview

Based on test environment provided by Radvision, Yealink has made some tests to verify the interoperability with their video system. The test proves that VP-2009P interoperates well with the system. This document is trying to demonstrate how we work with each other.

The table below shows the information about test environment:

Provider	Device	Software version
Radvision	Scopia Elite MCU 5110	7.0
Yealink	VP-2009P	22.30.0.60

The phone with firmware version higher than 22.30.0.60 must work the same or even better. It should be the same for Radvision.

## 2. Configurations on VP-2009P

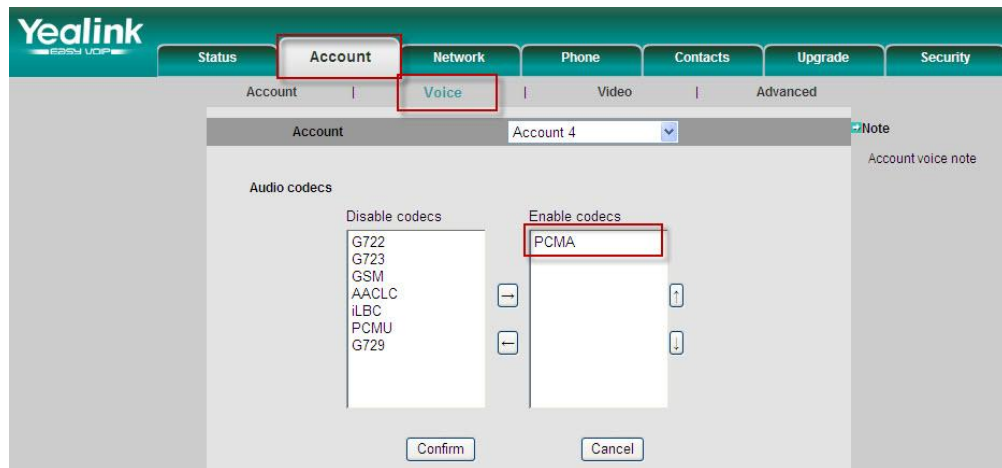
### 2.1 Account

Yealink VP-2009P acts as a normal SIP client in the video system. So, just to specify the *SIP Server*, *User Name*, *Register Name* and *Password* that should be provided by system administrator. Normally, other settings can be left as default.

The screenshot shows the Yealink web interface with the 'Account' tab selected. The 'Account' sub-tab is also selected, showing configuration for 'Account 4'. The 'Register Status' is 'Registered'. The 'Account Active' dropdown is set to 'Enabled'. The 'Display Name' is '121'. The 'User Name' is '121'. The 'Register Name' is '121'. The 'Password' is masked with dots. The 'SIP Server' is a redacted IP address. The 'Port' is '5060'. Other settings like 'Enable Outbound Proxy Server', 'Outbound Proxy Server', 'NAT Traversal', 'STUN Server', 'Voice Mail', and 'Transport' are also visible. The 'Confirm' and 'Cancel' buttons are at the bottom.

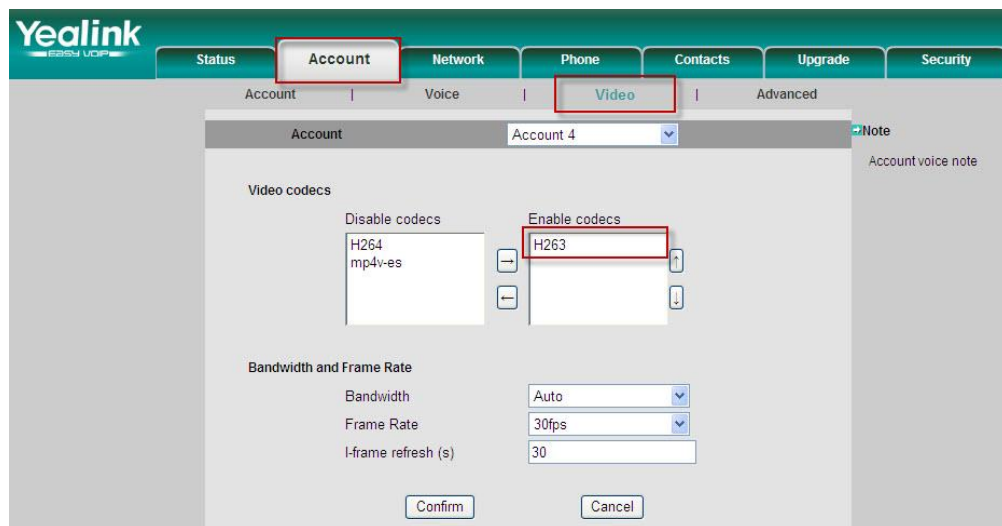
### 2.2 Voice codec

The recommended voice codec is PCMA.



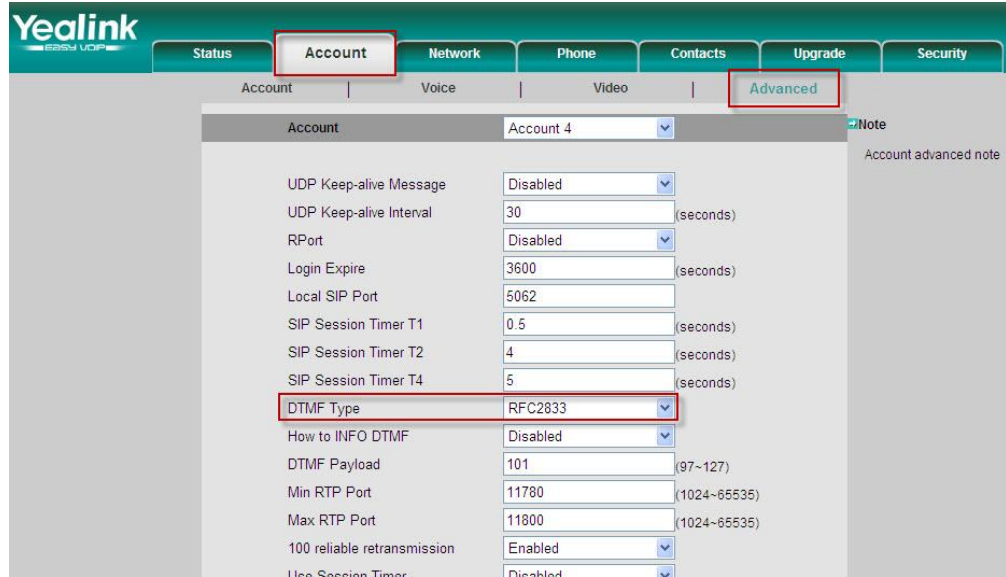
## 2.3 Video codec

The recommended video codec is H.263.



## 2.4 DTMF type

The DTMF type should be RFC2833.



### 3. Yealink VP-2009P connects to the meeting

To dial the number of the wanted meeting room and your call will be auto answered by the video system. The system will voice prompts you if you are the first participant.



For the only first participant, it will display its own local video.



When there are new participants join, the display will show videos from remote sides.

#### 4. Yealink VP-2009P controls in the meeting

The meeting can be controlled by different DTMF interacting. The valid DTMF inputs may differ in different screens. For main screen, it includes 0, \* and #. As claimed by Radvision, *click # to shrink the size of the video display to better fit your endpoint screen*, which is tested fine. Here are other interacting below.

##### 4.1 Yealink VP-2009P switches among different meeting layouts

By pressing DTMF 0, the VP-2009P rotate to switch among different layouts including:

##### a. Fixed 2 participants

It means the VP-2009P screen is used to display 2 participants' videos totally, as it shows below:



##### b. Fixed 4 participants

It means the VP-2009P screen is used to display 4 participants' videos totally. Since



there're only 3 other participants in the test, it shows as below:



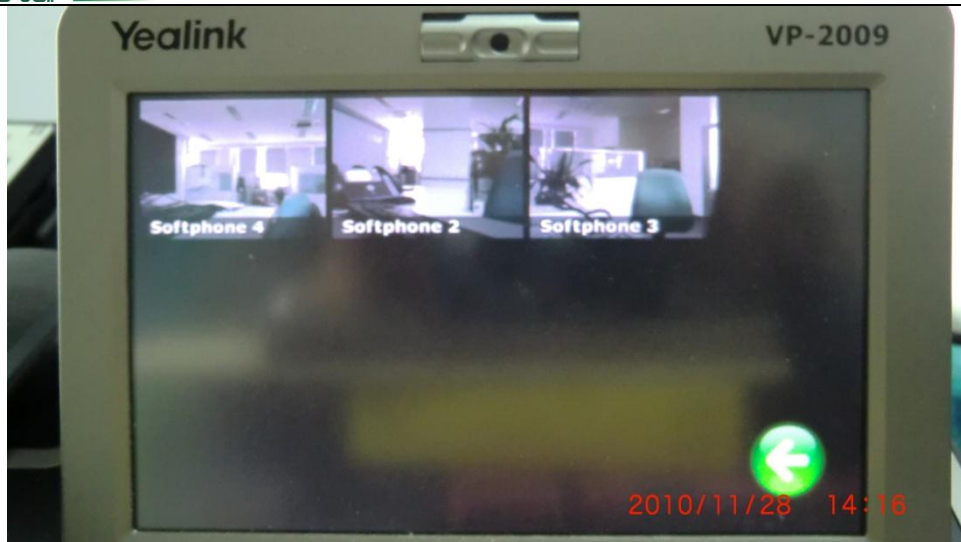
c. Fixed 6 participants

It means the VP-2009P screen is used to display 6 participants' videos totally. Since there're only 3 other participants in the test, it shows as below::



d. Fixed 9 participants

- e. It means the VP-2009P screen is used to display 9 participants' videos totally. Since there're only 3 other participants in the test, it shows as below:



f. Enlarged Main View

It means the main view is enlarged to the largest frame within the video phone's capability. At the same time the other views are kept on display. It shows as below:



g. Same Sized View

It means all the views are adjusted to the same size to be displayed within the video phone's capability. It shows as below:



h. Full Screen

It means to display the main view in full screen, ignoring the other views. It shows as below:



i. Default Meeting Layout

The default meeting layout can be defined on the meeting system. In the test, it is configured as Enlarged Main View. It shows as below:





#### 4.2 Yealink VP20009 controls in user menu

By pressing DTMF \*, VP-2009P can go to the User Menu which enables you to

1. Become the Moderator
2. Mute/Un-mute your line
3. Control the volume of your line

VP-2009P interoperates well with each of the above options.



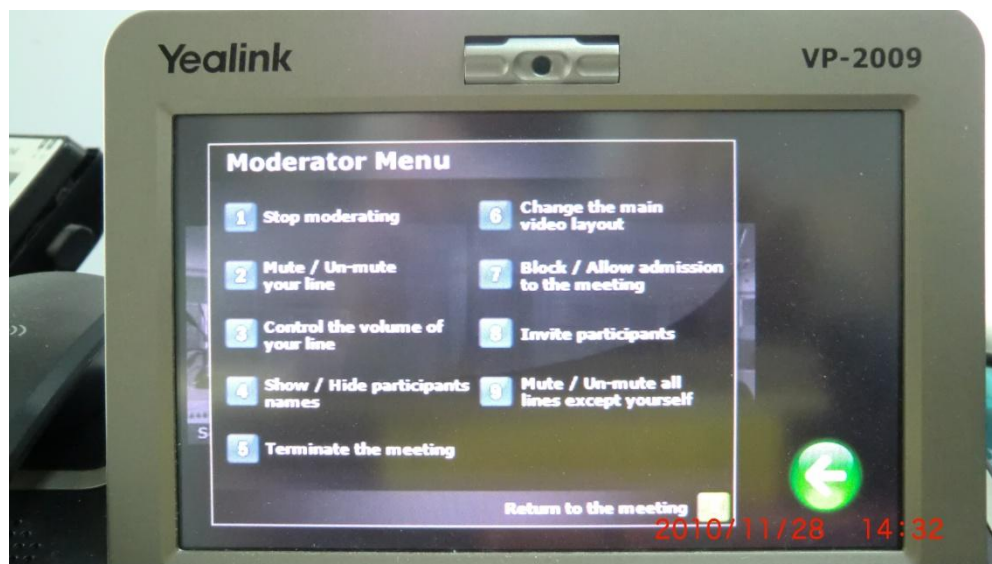
#### 4.3 Yealink VP-2009P controls in moderator menu

You can become the Moderator only when there's no other participant takes the position. When you become the moderator, you will be able to have the following selections:

1. Stop moderating
2. Mute/Un-mute your line
3. Control the volume of your line
4. Show/Hide participant names
5. Terminate the meeting

6. Change the main video layout
7. Block / Allow admission to the meeting
8. Invite participants
9. Mute / Un-mute all lines except yourself

VP-2009P interoperates well with each of these options.



## 5. Yealink VP-2009P indicates the error

When there is any invalid DTMF input is made on VP-2009P, the video will show 2 ICONs indicating the error:

