



2N Helios IP Door Phone with MyPBX Configuration Guide

Version 1.0

Yeastar Information Technology Co. Ltd.

Index

1. INTRODUCTION	3
2. MYPBX SETTINGS	3
3. 2N HELIOS IP DOOR PHONE SETTINGS	3
3.1 Register 2N Helios IP Door Phone as MyPBX Extension	3
3.2 Codec Settings of 2N Helios IP Door Phone	4
3.3 Set Extension to Control 2N Helios IP Door Phone	5
4. CONFIGURE YEALINK VP530	5
4.1 Register VP530 as MyPBX Extension	5
4.2 Configure Codec of the account.....	6
4.3 Configure Door Phone Option	7

1. Introduction

IP door phone can be registered as MyPBX sip extension. With some configurations, the door phone will call specific extensions when the door bell rings and the called extension can open the door. We will take 2N Helios IP Door Phone and Yealink VP530 for example of the configuration. All models of MyPBX support this application.

2. MyPBX Settings

Go to MyPBX 'SIP Settings->Codecs' page, select u-law, a-law and H264 into the allowed codecs.

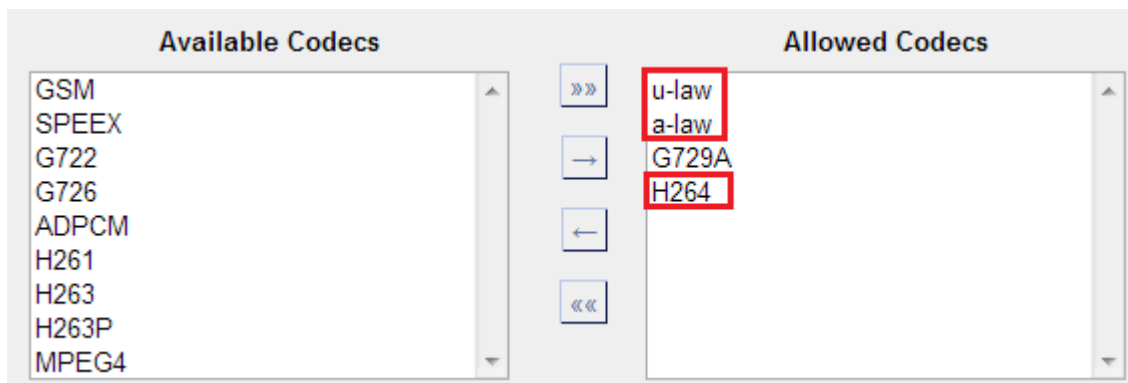


Figure 1

Set 'Video support' as 'Yes' in 'SIP Settings->General'.

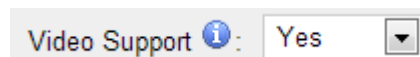


Figure 2

3. 2N Helios IP Door Phone Settings

3.1 Register 2N Helios IP Door Phone as MyPBX Extension

Go to 2N Helios IP Door Phone 'Advanced Setting->Sip Settings'

Display name: Customizable.

User ID: MyPBX extension number which the door phone will register.

Domain: MyPBX IP address or domain.

Use auth ID: Yes.

Auth ID: The same as the User ID.

Password: The registrar password of the extension.

Proxy address: MyPBX IP address or domain.

Proxy port: MyPBX SIP port, the default is 5060.

Register Helios IP: Yes;

Registrar address: MyPBX IP address or domain.

The screenshot shows the following configuration details:

- User settings:** Display name: Floor 1; User ID: 503; Domain: 192.168.5.250; Use auth ID: Yes; Auth ID: 503; Password: [masked]
- SIP proxy settings:** Proxy address: 192.168.5.250; Proxy port: 5060
- SIP registration:** Register Helios IP: Yes; Registration expires: 120 s; Registrar address: 192.168.5.250; Registrar port: 5060
- Other settings:** Local SIP port: 5060; Send keepalive packets: Yes; Starting RTP port: 5000; RTP Timeout: 2 s

Figure 3

3.2 Codec Settings of 2N Helios IP Door Phone

Go to 2N Helios IP Door Phone 'Advanced Setting->Audio Codecs', set PCMU and PCMA as the available audio codec.

Preferred audio codecs

- Choice 1: PCMU
- Choice 2: PCMA
- Choice 3: None
- Choice 4: None

Figure 4

Go to 2N Helios IP Door Phone 'Advanced Setting->Video Codecs', set H264 as the available video codec.

Preferred video codecs

- Choice 1: H.264
- Choice 2: H.263+
- Choice 3: None
- Choice 4: None

Figure 5

3.3 Set Extension to Control 2N Helios IP Door Phone

Go to 2N Helios IP Door Phone 'Basic Setting->Phone Book', and set the extensions which could get control with 2N Helios IP Door Phone.



The screenshot displays a configuration interface for a 2N Helios IP Door Phone. It is divided into two main sections: 'General settings' and 'Phone numbers'. In the 'General settings' section, 'Position enabled' is set to 'Yes' via a dropdown menu, and 'Position name' is 'Floor One' in a text input field. The 'Phone numbers' section contains two entries. The first entry has 'Number 1' set to '501' and 'Time profile' set to '[1] WorkTime' via a dropdown menu. The second entry has 'Number 2' set to '505' and 'Time profile' set to '[1] WorkTime' via a dropdown menu.

Figure 6

4. Configure Yealink VP530

4.1 Register VP530 as MyPBX Extension

Go to VP530 configuration web 'Account->basic' page.

Account: Select an account to register.

Account Active: Enabled.

Label: Customizable.

Display name: Customizable.

Register Name: The extension number to be registered.

User Name: The extension number to be registered.

Password: The registrar password of the extension.

SIP Server: MyPBX IP address or domain.

Preferred Call Type: Video Call.

Account	Account 1	
Register Status	Disabled	
Account Active	Enabled	
Label	501	?
Display Name	501	?
Register Name	501	
User Name	501	
Password	••••••••	
SIP Server	192.168.5.250	Port 5060

Figure 7

Preferred Call Type	Video Call
---------------------	------------

Figure 8

4.2 Configure Codec of the account

Go to VP530 'Account->Codec' page.

Account: Select the account which is registered as MyPBX extension right now.

Voice Codecs: Enable PCMU and PCMA.

Video Codecs: Enable H264

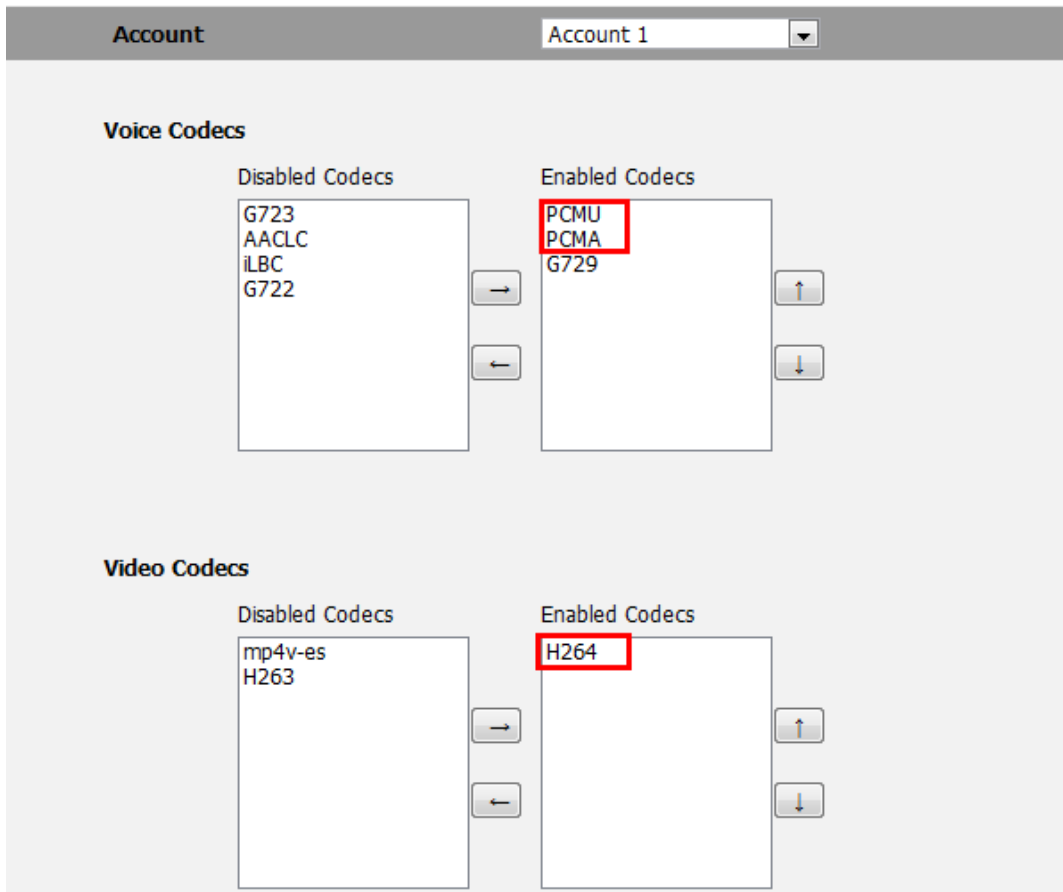


Figure 9

4.3 Configure Door Phone Option

Go to VP530 'Phone->Door Phone' page.

Device: 2N

Display name: Customizable.

Phone Number: 503(It is the extension number which the door phone registered).

Unlock PIN: The PIN used to open the door configured on the door phone.

Full Screen: You can set as demand.

Send Audio: You can set as demand.

Send Video: You can set as demand.

Door Phone List		Door Phone1
Device	2N	
Display Name	Door One	
Phone Number	503	
Unlock PIN	••••••••	
Full Screen	Disable	
Send Audio	Enable	
Send Video	Enable	
<input type="button" value="Confirm"/>		<input type="button" value="Cancel"/>

Figure 10

Done the settings, when someone rings the door bell, VP530 will ring and show 'Door Open' button on the phone screen. Click the button to unlock the door.



Figure 11

[Finish]