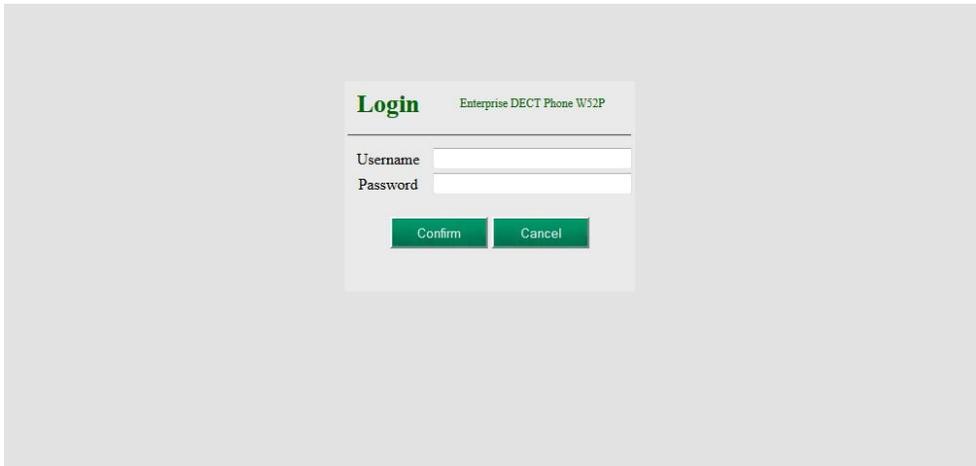


How to Configure Yealink W52P:

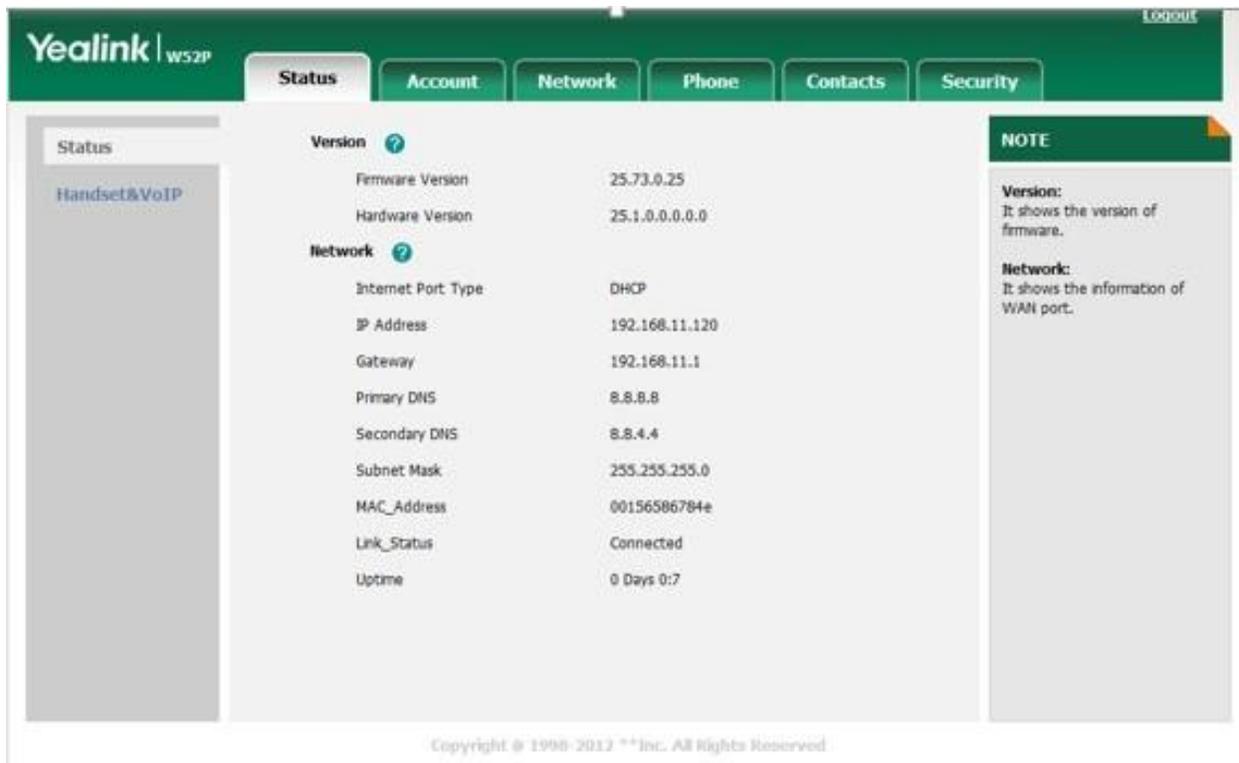
NOTE: A single Anyphone line has a maximum concurrent call capacity of 4 calls. Hardware capacity should also be taken into consideration. This means that Yealink W52P can handle up to have 4 concurrent calls.

To begin configuring your Yealink for use on Intermedia's network, you will need to pull up the graphical user interface. For this, do the following:

- 1) Press the center button on the phone
- 2) Select Status
- 3) Select Base
- 4) Enter the IP address listed in the account into a web browser
- 5) Log in using the credentials admin/admin

A screenshot of a web browser displaying the login page for an Enterprise DECT Phone W52P. The page has a light gray background. At the top left, the word "Login" is written in a bold, green font. To its right, the text "Enterprise DECT Phone W52P" is displayed in a smaller, gray font. Below this header, there are two input fields: "Username" and "Password", each with a white text box and a gray border. At the bottom of the form, there are two green buttons with white text: "Confirm" and "Cancel".

You will then be presented with a screen that looks like this:



The first thing that you want to do is update the firmware of the base unit to 25.73.0.40. You can find that here: http://www.yealink.com/SupportDownloadfiles_detail.aspx?ProductsID=534&CateID=308&flag=142

Once you have the file downloaded, simply upload it to the proper page, pictured below:

Yealink | W52P Logout

Status Account **Phone** Contacts Security

Preference
Features
Line1
Line2
Line3
Line4
Line5
Upgrade
Auto Provision
Configuration
Dial Plan
Voice
Tones
TR069

Version ?
Firmware Version 25.73.0.27
Hardware Version 25.1.0.0.0.0.0

Reset to Factory ?

Reboot ?

Pcap Feature ?

Select and Upgrade Base Firmware ?
 No file selected.

Select and Upgrade Handset Firmware ?
 No file selected.

NOTE
Reset to Factory Setting
Reset all the settings of the phone to default configurations. But handsets are still registered and the system PIN is not reset.
Select and Upgrade Firmware
Select and upgrade the file from the hard disk or network.

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You will now need to navigate to the Account Page. You will need to enter in the SIP configuration information for your AnyPhone device on this page. These credentials can be found in your Hostpilot Account. The User Name and Server address will be whatever is found in your SIP Configuration for this device.

Auto attendants	SIP Configuration	SIP User Name ⓘ	900123456
Lines	Outbound caller ID	SIP Authorization ID	900123456
Devices	Failover routing	SIP Password	*****
Hold music	911 address	SIP Domain	UC70.telecomsvc.com:6060
Groups	Call history	Outbound Proxy	UC70.telecomsvc.com:6060
Order history	Groups	Type ⓘ	Generic ▾
Additional settings		Preferred Codec ⓘ	<input checked="" type="radio"/> G.729 <input type="radio"/> G.711
		Secondary Codec ⓘ	<input type="radio"/> G.729 <input checked="" type="radio"/> G.711 <input type="radio"/> None

The Label and Display Name fields will be your Ext information. It will look like this when completed:

Yealink | WS2P

Account Account1 ⓘ

Register Status: Registered

Line Active: Enabled ⓘ

Label: 323 ⓘ

Display Name: Ext 323 ⓘ

Register Name: 900123456 ⓘ

User Name: 900123456 ⓘ

Password: ***** ⓘ

Enable Outbound Proxy Server: Enabled ⓘ

Outbound Proxy Server: uc70.telecomsvc.com Port 6060 ⓘ

Transport: UDP ⓘ

Backup Outbound Proxy_Server: Port 5060 ⓘ

NAT Traversal: Disabled ⓘ

STUN Server: Port 3478 ⓘ

Proxy Require: ⓘ

Anonymous Call: Disabled ⓘ

Anonymous Call Rejection: Disabled ⓘ

SIP Server 1 ⓘ

Server Host: uc70.telecomsvc.com Port 6060 ⓘ

Server Expires: 3600 ⓘ

Server Retry Counts: 3 ⓘ

SIP Server 2 ⓘ

Server Host: Port 5060 ⓘ

Server Expires: 3600 ⓘ

Server Retry Counts: 3 ⓘ

NOTE

Display Name
SIP service subscriber's name which will be used for Caller ID display.

Register Name
SIP service subscriber's ID used for authentication.

User Name
User account, provided by VoIP service provider.

NAT Traversal
Defines the STUN server will be active or not.

Proxy Require
A special parameter just for Nortel server. If you login to Nortel server, the value should be: com.nortelnetworks.firewall

Confirm Cancel

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After you have it looking like this, press the confirm button. The device will then attempt to register.

Now your device is registered! However, there is a little more configuration that needs to be completed:

Navigate to Accounts > Advanced and make these changes:

- Keep Alive Type = Default
- UDP Keep Alive Interval (seconds) = 30
- DTMF Type = RFC2833 or SIP INFO
- DTMF Payload = 101
- 100 Reliable Retransmission = Enabled
- SIP Registration Retry (seconds) = 30
- Local SIP Port: This needs to be set to 6xxx (Where xxx is equal to your Ext #) in this example we are configuring Ext 323 so we are setting the Local SIP Port to 6323. This allows each phone to use its own port and prevent call failures related to multiple requests for the same port.
- Caller ID Header: Set this to RPID-FROM
- Subscribe MWI To Voice Mail: Enabled

Yealink WS2P

Status Account Network Phone Contacts Security

Basic
Advanced
Codec
Number Assignment
Handset Name

Account Account1 ?

Keep Alive Type	Default	?
UDP Keep Alive Interval(seconds)	30	?
Local SIP Port	6323	?
RPort	Disabled	?
SIP Session Timer T1(seconds)	0.5	?
SIP Session Timer T2(seconds)	4	?
SIP Session Timer T4(seconds)	5	?
DTMF Type	RFC2833	?
How to INFO DTMF	DTMF-Relay	?
DTMF Payload(96~127)	101	?
100 Reliable Retransmission	Enabled	?
Subscribe Register	Disabled	?
Subscribe for MWI	Disabled	?
MWI Subscription Period(0~04600)(seconds)	3600	?
Caller ID Header	RPID-FROM	?
Use Session Timer	Disabled	?
Session Timer(seconds)		?
Refresher	Uac	?
Use user=phone	Disabled	?
Voice Encryption(SRTP)	Disabled	?
Ptime(ms)	20	?
Shared Line	Disabled	?
SIP Send MAC	Disabled	?
SIP Send Line	Enabled	?
SIP Registration Retry Timer(0~1800)(seconds)	30	?
Subscribe MWI To Voice Mail	Enabled	?
Conference Type	Local Conference	?
Conference URI		?

NOTE
Advanced
The Advanced parameters for administrator.

Confirm Cancel

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Please also remember to set the codec to that which is defined with you SIP credentials in the HostPilot portal. See the below Image, currently we only support G.729 and G.711u codecs. You will need to remove any other codecs listed in the “Enabled Codecs”.

Yealink W52P

Status Account Network Phone Contacts Security

Account Account1

Audio codecs

Disabled Codecs

- G723_63
- G726-32
- ILBC_13_3
- ILBC_15_2
- G722
- PCMA
- G723_53

Enabled Codecs

- G729
- PCMU

Confirm Cancel

NOTE

Codecs
Choose the codecs you want to use.

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Next, go to Network > Advanced, and make these changes:

- Voice QoS = 46
- SIP QoS = 46
- Maximum RTP Port = 50000
- Minimum RTP Port = 30000

Yealink | W52P

Status Account **Network** Phone Contacts Security

Basic
Advanced

LLDP ?

Active Enabled (1~3600s)

Packet Interval 60 (1~3600s)

VLAN ?

WAN Port Active Disabled (1~4094)

VID 1 (1~4094)

Priority 0

DHCP VLAN Active Enabled (1~255)

Option 132 (1~255)

VPN ?

Active Disabled

Upload VPN Config Upload Browser...

Voice QoS ?

Voice QoS 46 (0~63)

SIP QoS 46 (0~63)

Local RTP Port ?

Maximum RTP Port 50000 (1~65535)

Minimum RTP Port 30000 (1~65535)

Web Server ?

HTTP Enabled

HTTP Port 80 (1~65535)

HTTPS Enabled

HTTPS Port 443 (1~65535)

802.1x ?

802.1x Mode Disabled

Identity admin

MDS Password *****

CA Certificate Upload Browser...

Registration random ?

Registration random 0 (0~60s)

Confirm Cancel

NOTE

QoS
When the network capacity is insufficient, QoS could provide priority to users by setting the value.

Local RTP Port
Define the port for voice transmission.

Almost there! Next, go to Phone > Preferences, and make the following change

- Set DHCP Time = Disabled
- Set the correct Time Zone
- Enable or Disable Daylight Saving Time based on your locations DST cycle (If you do not configure this correctly inbound calls will likely fail)

The screenshot shows the Yealink W52P web interface. The top navigation bar includes 'Status', 'Account', 'Network', 'Phone', 'Contacts', and 'Security'. The 'Phone' tab is active. On the left, a sidebar menu lists 'Preference', 'Features', 'Line1-5', 'Upgrade', 'Auto Provision', 'Configuration', 'Dial Plan', 'Voice', 'Tones', and 'TR069'. The main configuration area is titled 'Phone' and contains the following settings:

- Web Language: English
- Time Synchronization: Enabled
- Time Server: time.accessline.com
- Synchronization Period: 86400
- DHCP Time: Disabled
- Time Zone: -8 Canada, Mexico, US
- Daylight Saving Time: Automatic Enabled Disabled
- Fixed Type: By Date By Week
- Start Date: March, Tuesd, First In M, 02:00
- End Date: Nov, Monda, First In M, 02:00
- Offset: 60
- NTP By DHCP Priority: High
- Watch Dog: Enabled

At the bottom of the configuration area are 'Confirm' and 'Cancel' buttons. On the right, a 'NOTE' section contains the following text:

Time Zone:
Choose the time zone you are in.

NTP Server:
The server which is used to synchronize the clock of the phone.

Now to configure your voicemail number, which is *the phone's direct number*, not numbers that forward to the phone. Go to the Phone menu, and make this change in the box at the bottom of the screen. It will look like this:

Yealink | W52P Logout

Status Account Network **Phone** Contacts Security

Preference
Features
Line1
Line2
Line3
Line4
Line5
Upgrade
Auto Provision
Configuration
Dial Plan
Voice
Tones
TR069

Forward: ?

Always On Off ?

Target ?

On Code ?

Off Code ?

Busy On Off ?

Target ?

On Code ?

Off Code ?

No Answer On Off ?

After Ring Time(seconds) ?

Target ?

On Code ?

Off Code ?

DND:

DND On Off ?

On Code ?

Off Code ?

Anonymous Call:

Anonymous code On Off ?

On Code ?

Off Code ?

Anonymous rejection code On Off ?

On Code ?

Off Code ?

Voice Mail: ?

NOTE

Forward
This feature allows you to forward an incoming call to another phone number.

Target
The number to which the incoming calls will be forwarded.

On Code
The code that will be sent to PBX when it is switched On.

Off Code
The code that will be sent to PBX when it is switched Off.

*** Note: You will need to put the same Voicemail Number in as the Busy and No answer Target. If you do not do this or forget to enable Busy and/or No Answer then calls will fail to go to Voicemail.

Finally, we need to associate the handsets and lines. Go to Account > Number Assignment. Currently Intermedia only support 1 Handset per line, and any other configuration may not be support by Intermedia Voice Support.

Yealink | w52P Logout

Status
Account
Network
Phone
Contacts
Security

Basic

Advanced

Codec

Number Assignment

Handset Name

Incoming lines						
		Line No.&Name				
Handset No.		① 323	② 324	③	④	⑤
1	Cheal	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	H2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	H3	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	H4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5	H5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Outgoing lines							
		Line No.&Name					
Handset No.		① 323	② 324	③	④	⑤	Default
1	Cheal	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1 ▾
2	H2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2 ▾
3	H3	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3 ▾
4	H4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	4 ▾
5	H5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5 ▾

Confirm
Cancel

NOTE

Number Assignment

Now you are good to go! Please feel free to review the following articles for Firewall Rules and Port Requirements for the service to work correctly.

- <https://kb.intermedia.net/Article/3119>
- <https://kb.intermedia.net/Article/3042>