






Compatible SIP Endpoints

Yeastar K2 IP-PBX

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-  Support: +86-592-5503301
-  Support: support@yeastar.com
-  <https://www.yeastar.com>

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Compatible SIP Endpoints

Yeastar have tested multiple IP phones, soft phones, intercom devices, and door phones with Yeastar K2 IPPBX. Refer to the phone registration guides to register your phone to Yeastar K2 IPPBX.

ALCATEL Phone

Register ALCATEL Phone with Yeastar K2 IPPBX

This article is based on ALCATEL Temporis IP151 v1. 1. 0. B and Yeastar K2 IPPBX .

Configure the IP address via phone user interface

1. Press **System**→**Network**→**Basic Settings**→**Dual Mode**→**WAN Setting**.
2. Choose **Static IP** and alter the **IP Address**, **Subnet Mask**, **Preferred DNS Server**, **Alternate DNS Server**.
3. **Apply** it after inputting the correct information.
4. **Reboot** the phone and log in the phone web user interface using the new IP address.
5. Enter the user name and password, click **Log In** to enter the web user interface.
 - User Name: admin
 - Default Password: admin

Account Registration

1. Log in the IP phone, go to **System**→**SIP Account Management**, select one account to configure.
2. Enable the account and fill in the extension information.

The screenshot shows the 'SYSTEM' menu on the left with 'SIP Account Management' selected. Under 'Account 1', the 'General Account Settings' section is visible. A red box highlights the 'Enable Account' checkbox, which is checked. Another red box highlights the following input fields, all containing the value '1007': 'Account Label', 'Display Name', 'User Identifier', 'Authentication Name', and 'Authentication Password'.

- **Enable Register:** check
 - **Account Label:** The name you want to display on the phone screen.
 - **Display Name:** The name you want to display on another person's phone screen when you are calling the phone.
 - **User Identifier:** Enter the extension's **Caller ID**.
 - **Authentication Name:** Enter the extension's **Registration Name**.
 - **Authentication Password:** Enter the extension's **Registration Password**.
3. In the **SIP Server** section and **Registration** section, fill in your PBX information.

SIP Server

Server Address:

Port:

Registration

Server Address:

Port:

Expiration (secs):

Registration Freq (secs):

- **SIP Server**
 - **Server Address:** Enter the domain of your PBX.
 - **Server Port:** Enter the SIP port of your PBX.
- **Registration**
 - **Server Address:** Enter the domain of your PBX.
 - **Port:** Enter the SIP port of your PBX.

4. Click **Apply**.

If the registration is successful, the register status would show "Registered".

Cisco

Register Cisco Phone with Yeastar K2 IPPBX

This article is based on Cisco SPA509G and Yeastar K2 IPPBX .

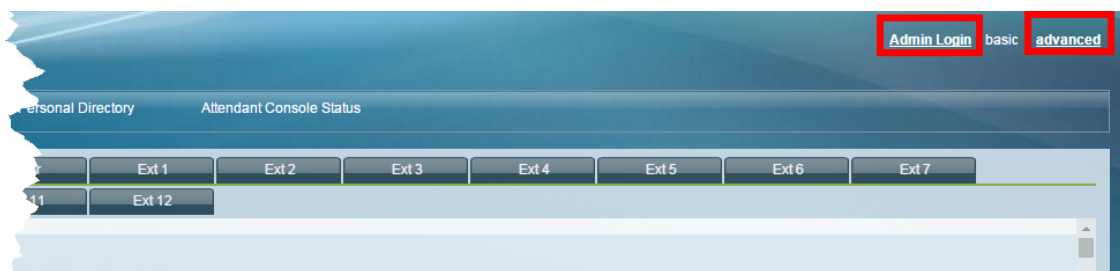
This guide is applicable to the following phones:

- Cisco SPA series: 301, 303, 501G, 502G, 508G, 509G, 512G, 514G, 525G5
- Cisco CP7821



Note: For the IP phone with different firmware version, the web GUI may be different.

1. To check the IP address of the phone, press the menu key, go to **Network**, then press **Select**.
2. Type the phone IP address in your browser, click **Enter** key to access the web page of the IP phone.
3. In the upper-right corner, click **Admin Login**, then click **Advanced** to access the advanced administrator page.



- Choose one account to configure. Here we click **EXT1** to configure account 1. Configure the account as follows:
4. Choose one account to configure. Here we choose **EXT1**.

- a. Set the **Line Enable** to **Yes**.

General	Line Enable: <input type="text" value="yes"/>
---------	---

- b. In the **Proxy and Registration** section, set the **Proxy** to the domain of your PBX.

Proxy:	<input type="text" value="yts.yeastarcloud.com"/>
Outbound Proxy:	<input type="text"/>
Alternate Proxy:	<input type="text"/>
Alternate Outbound Proxy:	<input type="text"/>
Use Outbound Proxy:	<input type="text" value="no"/>
Register:	<input type="text" value="yes"/>
Register Expires:	<input type="text" value="3600"/>
Use DNS SRV:	<input type="text" value="no"/>
Proxy Fallback Intvl:	<input type="text" value="3600"/>
Dual Registration:	<input type="text" value="no"/>

- c. In the **Subscriber Information** section, fill in the extension information.

Display Name:	<input type="text" value="1004"/>	User ID:	<input type="text" value="1004"/>
Password:	<input type="password" value="*****"/>	Use Auth ID:	<input type="text" value="yes"/>
Auth ID:	<input type="text" value="1004"/>	Reversed Auth Realm:	<input type="text"/>
Mini Certificate:	<input type="text"/>		
SRTP Private Key:	<input type="text"/>		
Resident Online Number:	<input type="text"/>	SIP URI:	<input type="text"/>

- **Display Name:** Set the name you want to appear on other phone's display when calling other phones.
- **User ID:** Fill in the extension number.
- **Password:** Fill in the extension's **Registration Password**.
- **Use Auth ID:** Set to **Yes**.
- **Auth ID:** Fill in the extension's **Registration Name**.

- d. In the **Dial Plan** section, set the **Dial Plan** to `[x*]`..

Dial Plan:	<input type="text" value="[x*]"/>
Caller ID Map:	<input type="text"/>
Enable IP Dialing:	<input type="text" value="yes"/>

5. Click **Phone** tab, adjust the audio parameters according to the RTP settings on your PBX, and set **RTP Packet Size** to

RTP Port Min:	<input type="text" value="10000"/>	RTP Port Max:	<input type="text" value="12000"/>
RTP Packet Size:	<input type="text" value="0.020"/>	Max RTP ICMP Err:	<input type="text" value="0"/>
RTCP Tx Interval:	<input type="text" value="0"/>	No UDP Checksum:	<input type="text" value="no"/>
Symmetric RTP:	<input type="text" value="no"/>	Stats In BYE:	<input type="text" value="no"/>

6. In the bottom of the page, click **Submit All Changes**.

The phone will restart. After the phone restarts, check if the extension is registered.

Fanvil

Register Fanvil Phone with Yeastar K2 IPPBX

This guide is based on Fanvil C400 and Yeastar K2 IPPBX .

This guide is applicable to the following phones:

- Fanvil C Series: C01, C58, C58P, C400, C600
- Fanvil X3 Series: X3, X3P, X3SP
- Fanvil X5 Series: X5,X5G



Note: For the IP phone with different firmware version, the web GUI may be different.

1. Log in the web page of the phone.
 - **User:** admin
 - **Password:** admin
2. Click **Line** and choose a line to configure.

The screenshot shows the Fanvil web GUI configuration page for Line 1. The page is titled "Line1 1010 (Registered)" and "Line2 N/A (Inactive)". There are tabs for "Line1", "Line2", and "Common Settings". The "Basic Settings >>" section is highlighted with a red box and contains the following fields:

Line Status	(Registered)	SIP Proxy Server Address	192.168.9.100
Username	1010	SIP Proxy Server Port	5060
Display name	1010	Outbound proxy add.	
Authentication Name	1010	Outbound proxy port	
Authentication Password	••••	Realm	
Activate	<input checked="" type="checkbox"/>	Attach to Line2	<input type="checkbox"/>

Below the basic settings are sections for "Codecs Settings >>" and "Advanced Settings >>". An "Apply" button is at the bottom.

- **User Name:** Fill in the extension number.
- **Display Name:** Set the name you want to appear on other phone's screen when calling other phones.
- **Authentication Name:** Fill in the extension's **Registration Name**.
- **Authentication Password:** Fill in the extension's **Registration Password**.
- **Active:** Check
- **SIP Proxy Server Address:** Fill in the domain of your PBX.
- **SIP Proxy Server Port:** Fill in the SIP port of your PBX.

3. Click **Apply**.

If the extension is registered, the **Line Status** will show "Registered".

Grandstream

Register Grandstream Phone with Yeastar K2 IPPBX

This guide is based on Grandstream GXP2135 and Yeastar K2 IPPBX .

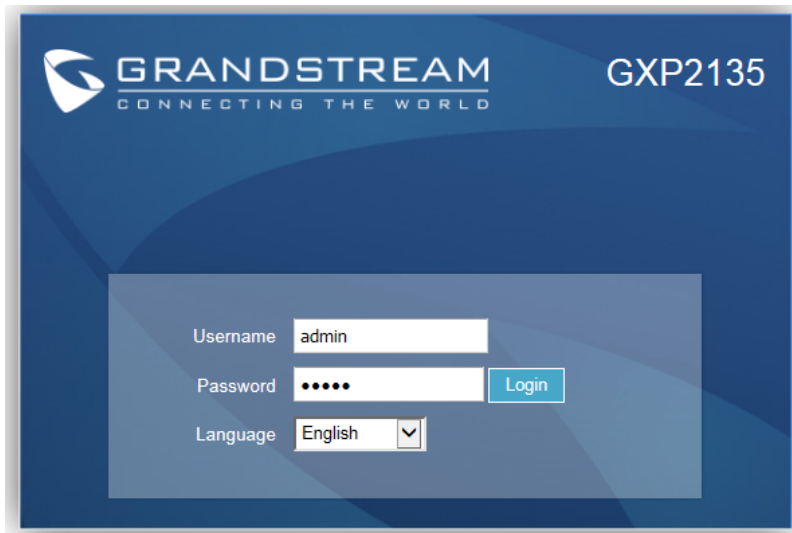
This guide is applicable to the following phones:

- Grandstream GXP Series 1160, 1165, 1400, 1405, 1450, 1610, 1620, 1625, 1628, 1630, 2130, 2135, 2140, 2160, 2170, 2200, 3240, 3245



Note: For the IP phone with different firmware version, the web GUI may be different.

1. Log in the web page of the IP phone.



- **Username:** admin
- **Default Password:** admin

2. Click **Account** tab, choose one account, and configure the general settings.

- **Account Active:** Yes
- **Account Name:** Set a name for the account, the name will be displayed on the phone LCD.
- **SIP Server:** Fill in the domain of your PBX.
- **SIP User ID:** Fill in the extension number
- **Authenticate ID:** Fill in the extension's **Registration Name**.
- **Authenticate Password:** Fill in the extension's **Registration Password**.

3. Click **Save and Apply**.
4. Go to **Status**→**Account Status** to check the account status.

If the extension is registered, the **SIP Registration** shows "Yes".

Account Status			
Account	SIP User ID	SIP Server	SIP Registration
Account 1	1000	ys.yeastarcloud.com	YES

Htek

Register Htek Phone with Yeastar K2 IPPBX

This article is based on Htek UC903 and Yeastar K2 IPPBX .

This article is applicable to the Htek UC series 802, 803, 804, 840, 842, 806, 862, 902, 903, 923, 924, 926.



Note: For the IP phone with different firmware version, the web GUI may be different.

1. Log in the web page of the phone.
 - **Username:** admin
 - **Password:** admin
2. Click **Account** tab, choose one account to configure.

Account Account 1

Account Status Registered

* Account Active No Yes

* Primary SIP Server ys.yeastarcloud.com

Failover SIP Server ?

Second Failover SipServer ?

Prefer Primary SIP Server No Yes ?

Outbound Proxy ?

Backup Outbound Proxy ?

* SIP Transport UDP TCP TLS ?

NAT Traversal No No, but send keep alive STUN

Label Lucas ?

* SIP User ID 1006 ?

* Authenticate ID 1006 ?

* Authenticate Password ?

Name Lucas ?

- **Account:** Select one account to configure.
 - **Account Active:** Yes
 - **Primary SIP Server:** Fill in the domain of your PBX.
 - **SIP Transport:** Choose the same transport of the PBX. The default SIP transport on the PBX is UDP.
 - **Label:** Set the name you want to appear on the phone screen.
 - **SIP User ID:** Fill in the extension number.
 - **Authentication ID:** Fill in the extension's **Registration Name**.
 - **Authentication Password:** Fill in the extension's **Registration Password**.
 - **Name:** The local phone name showing on the other phone when calling out.
3. Click **Save Set**.

If the extension is registered, the page will show "Registered".

Panasonic

Register Panasonic Phone with Yeastar K2 IPPBX

This article is based on Panasonic KX-HDV130 v01.008 and Yeastar K2 IPPBX .

This article is applicable to the following Panasonic IP Phones.

- KX-HDV130
- KX-UT113
- KX-UT123
- KX-UT133
- KX-UT136
- KX-UT248
- KX-UT670
- TGP500
- TGP550

1. Start up the phone and check its IP address.
 - a. Press **Menu**.
 - b. Go to **System Settings**→**Network Settings**→**IPv4 Settings**→**Static**.
2. Open the web service for the Panasonic phone.
 - a. Press **Menu**.
 - b. Go to **Basic Settings**→**Other Option**→**Embedded Web**.
3. Log in the web page of the IP phone.
 - **Username:** admin
 - **Password:** adminpass
4. Click **VoIP**, choose a line to configure.
 - a. In the **Basic** section:

Basic	
Phone Number	<input type="text" value="1003"/>
Registrar Server Address	<input type="text" value="192.168.0.144"/>
Registrar Server Port	<input type="text" value="5060"/> [1-65535]
Proxy Server Address	<input type="text" value="192.168.0.144"/>
Proxy Server Port	<input type="text" value="5060"/> [1-65535]
Presence Server Address	<input type="text"/>
Presence Server Port	<input type="text" value="5060"/> [1-65535]
Outbound Proxy Server Address	<input type="text"/>
Outbound Proxy Server Port	<input type="text" value="5060"/> [1-65535]
Service Domain	<input type="text"/>
Authentication ID	<input type="text" value="1003"/>
Authentication Password	<input type="password" value="....."/>

- **Phone Number:** Fill in the extension number.
- **Registrar Server Address:** Fill the domain of your PBX.

- **Registrar Server Port:** Fill in the SIP port of your PBX.
- **Proxy Server Address:** Fill in the domain of your PBX.
- **Proxy Server Port:** Fill in the SIP port of your PBX.
- **Authentication ID:** Fill in the extension's **Registration Name**.
- **Authentication Password:** Fill in the extension's **Registration Password**.

b. In the **Advanced** section:

Advanced	
SIP Packet QoS (DSCP)	0 [0-63]
Enable DNS SRV lookup	<input checked="" type="radio"/> Yes <input type="radio"/> No
SRV lookup Prefix for UDP	<input type="text" value="_sip_udp."/>
SRV lookup Prefix for TCP	<input type="text" value="_sip_tcp."/>
Local SIP Port	5060 [1024-49151]
SIP URI	<input type="text"/>
T1 Timer	500 milliseconds
T2 Timer	4 seconds
REGISTER Expires Timer	3600 seconds [1-4294967295]
Enable Session Timer (RFC 4028)	0 seconds [60-65535, 0: Disable]
Session Timer Method	<input checked="" type="radio"/> INVITE <input type="radio"/> UPDATE <input type="radio"/> INVITE/UPDATE
Enable 100rel (RFC 3262)	<input checked="" type="radio"/> Yes <input type="radio"/> No
Enable SSAF (SIP Source Address Filter)	<input type="radio"/> Yes <input checked="" type="radio"/> No
Enable c=0.0.0.0 Hold (RFC 2543)	<input checked="" type="radio"/> Yes <input type="radio"/> No
Transport Protocol	<input checked="" type="radio"/> UDP <input type="radio"/> TCP

- **SRV lookup Prefix for UDP:** Enter `_sip_udp`.
- **SRV lookup Prefix for TCP:** Enter `_sip_tcp`.
- **Local SIP Port:** The SIP port number for each line must be unique, default value: 5060 (for Line 1) and 5070 (for Line 2).
- **Transport Protocol:** Choose the same transport protocol as the PBX.

5. Click **Save**.

If the extension is registered, you can see the VoIP status shows "Registered".


Polycom

Register Polycom Phone with Yeastar K2 IPPBX


This guide is based on Polycom VVX 201 and Yeastar K2 IPPBX .

This guide is applicable to the following phones:

- Polycom VVX Series: 101, 201, 300, 310, 400, 500, 600, 601, 1500
- Polycom SoundPoint Series: IP321, IP331, IP335, IP450, IP550, IP560, IP670

 **Note:** For the IP phone with different firmware version, the web GUI may be different.

1. To check the IP address of the phone, press **Menu** on the phone, go to **Settings**→**Status**→**Network**→**TCP/IP Parameter**.
2. Enable Web service for the phone.
 - a. Press **Menu** on the phone, go to **Settings**→**Advanced**, enter the password 456.
 - b. Go to **Administration Settings**→**Web Server Configuration**, configure the following:
 - **Web Server:** Enabled
 - **Web Config Mode:** Choose HTTP or HTTPS
3. Log in the web page of the phone.

 **Note:** For the firmware version 5.5.0 or later, the phone only supports HTTPS web login. You need use HTTPS to log in the web page. For example, type `https://192.168.6.160` in your web browser to access the phone web page.

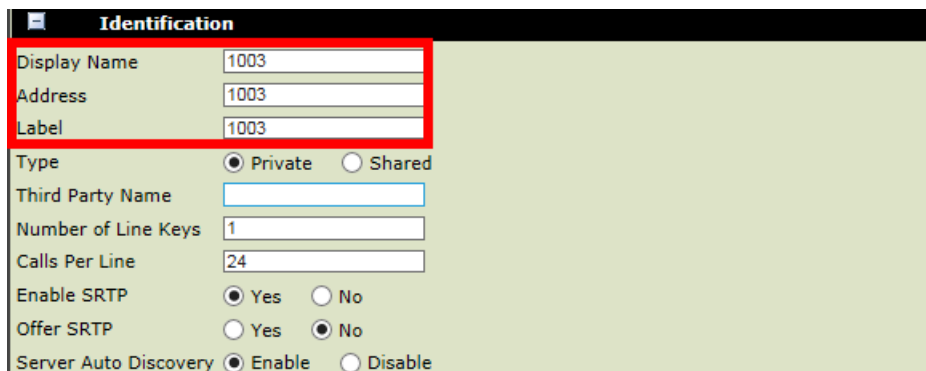


- **Login as:** Admin
- **Password:** 456

4. Go to **Settings**→**Lines**, choose a line to configure.
 - a. Enable **SIP Protocol**.



- b. Expand **Identification** option, and set as the following:



- **Display Name:** Set the name you want to appear on other phone's screen when calling other phones.
- **Address:** Fill in the extension number.
- **Label:** Set the name you want to appear on the phone screen.

c. Expand **Authentication** option, and set as the following:

Authentication

Use Login Credentials Enable Disable

Domain

User ID

Password

- **User Login Credentials:** Disable
- **User ID:** Fill in the extension's **Registration Name**.
- **Password:** Fill in the extension's **Registration Password**.

d. Expand **SIP Server 1** option, and set as the followings:

SIP Server 1

Special Interop

Address

Port

Transport

Expires (s)

Subscription Expires (s)

Register Yes No

Retry Timeout (ms)

Retry Maximum Count

Line Seize Timeout (s)

- **Special Interop:** Standard
- **Address:** Fill in the domain of your PBX.
- **Port:** Fill in the same SIP port as the PBX.
- **Transport:** Choose the same transport protocol as the PBX.
- **Register:** Yes

5. Go to **Settings**→**SIP**, set the **Digitmap** to blank. In this way, you can dial any number out.

SIP

Local Settings

* SIP Protocol Enable Disable

* Local SIP Port

Calls Per Line Key

Enable Roaming buddies for

New SDP Type Enable Disable

Live Communication Server Support Enable Disable

* Non Standard Line Seize Enable Disable

Disable Forward For Shared Line Enable Disable

Digitmap

* Digitmap Timeout

Remove End-of-Dial Marker Enable Disable

* Digitmap Impossible Match

6. Click **Save**.

If the extension is registered, the **Register Status** will show "Registered".

Snom

Register Snom Phone with Yeastar K2 IPPBX

This article is based on Snom D305 and Yeastar K2 IPPBX .

This article is applicable to the following phones:

- Snom 320, 710, 715, 720, 725, 760, 765
- Snom D Series: 305, 315, 345, 375



Note: For the IP phone with different firmware version, the web GUI may be different.

1. To check the IP address of the phone, press **Settings**→**Information**→**System Info** or press **Menu**→**Information**→**System Info**.
2. Log in the web page of the phone, go to **Setup**→**Identify 1** to configure the account 1.

Operation Home Directory Setup Preferences Speed Dial Function Keys Identity 1 Identity 2 Identity 3 Identity 4 Action URL Settings Advanced Certificates Software Update Status System Information Log SIP Trace DNS Cache Subscriptions PCAP Trace Memory Settings Manual	<p>Login Features SIP NAT RTP</p> <p>Login Information:</p> <p>Identity active: <input checked="" type="radio"/> on <input type="radio"/> off ?</p> <p>Displayname: <input type="text" value="John"/> ?</p> <p>Account: <input type="text" value="1002"/> ?</p> <p>Password: <input type="password" value="*****"/> ?</p> <p>Registrar: <input type="text" value="sip.yeastarcloud.com"/> ?</p> <p>Outbound Proxy: <input type="text"/> ?</p> <p>Failover Identity: <input type="text" value="Identity 1"/> ?</p> <p>Authentication Username: <input type="text" value="1002"/> ?</p> <p>Mailbox: <input type="text" value="*2"/> ?</p> <p>Ringtone: <input type="text" value="Ringer 1"/> ?</p> <p>Custom Melody URL: <input type="text"/> ?</p> <p>Display text for idle screen: <input type="text"/> ?</p> <p>Ring After Delay (sec): <input type="text"/> ?</p> <p>Record Missed Calls: <input checked="" type="radio"/> on <input type="radio"/> off ?</p> <p>Record Dialed Calls: <input checked="" type="radio"/> on <input type="radio"/> off ?</p> <p>Record Received Calls: <input checked="" type="radio"/> on <input type="radio"/> off ?</p> <p>Identity is hidden: <input type="radio"/> on <input checked="" type="radio"/> off ?</p> <p><input type="button" value="Apply"/> <input type="button" value="Re-Register"/> <input type="button" value="Play Ringer"/></p> <p><input type="button" value="Remove Identity"/> <input type="button" value="Remove All Identities"/></p>
--	--

- **Identify active:** On
- **Displayname:** Fill in the name you wish to appear on the phone screen.
- **Account:** Fill in the extension number.
- **Password:** Fill in the extension's **Registration Password**.
- **Registrar:** Fill in the domain of your PBX.
- **Authentication Username:** Fill in the extension's **Registration Name**.
- **Mailbox:** Fill in the feature code of **Check Voicemail** on the PBX. The default code is *2.

3. Click **RTP** tab, set **RTP Encryption** to **Off** if you don't enable SRTP feature for the extension.

Operation
 Home
 Directory

Setup
 Preferences
 Speed Dial
 Function Keys
 Identity 1
 Identity 2
 Identity 3
 Identity 4
 Action URL Settings
 Advanced
 Certificates
 Software Update

Status
 System Information
 Log
 SIP Trace
 DNS Cache
 Subscriptions
 PCAP Trace
 Memory

Warning: Some settings are not yet stored permanently. [Save](#) [View Changes](#) ?

[Login](#) [Features](#) [SIP](#) [NAT](#) **[RTP](#)**

RTP Identity Settings:

Codec: ?

Packet Size: ?

Filtered codec list: pcmu, pcma, g722, g729, gsm, telephone-event

Full SDP Answer: on off ?

Symmetrical RTP: on off ?

RTP Encryption: on off ?

G.726 Byte Order: RFC3551 AAL2 ?

SRTP Auth-tag: AES-32 AES-80 ?

RTP/SAVP: ?

Media Transport Offer: ?

Media Transport Offer Setup: ?

Multicast relay address: ?

[Apply](#)

4. Click **Apply**, then click **Save** in the top-right corner.

X-Lite

Register X-Lite Soft Phone with Yeastar K2 IPPBX

This guide is based on X-Lite PC client v5.2.0 and Yeastar K2 IPPBX .

1. Launch X-Lite, go to **Softphone**→**Account Settings**, configure the SIP account.

SIP Account

Account Voicemail Topology Presence Transport Advanced

Account name: 1009

Protocol: SIP

Allow this account for

Call

IM / Presence

User Details

* User ID: 1009

* Domain: ys.yeastarcloud.com

Password: ●●●●●●

Display name: Carol

Authorization name: 1009

Domain Proxy

Register with domain and receive calls

Send outbound via:

Domain

Proxy Address:

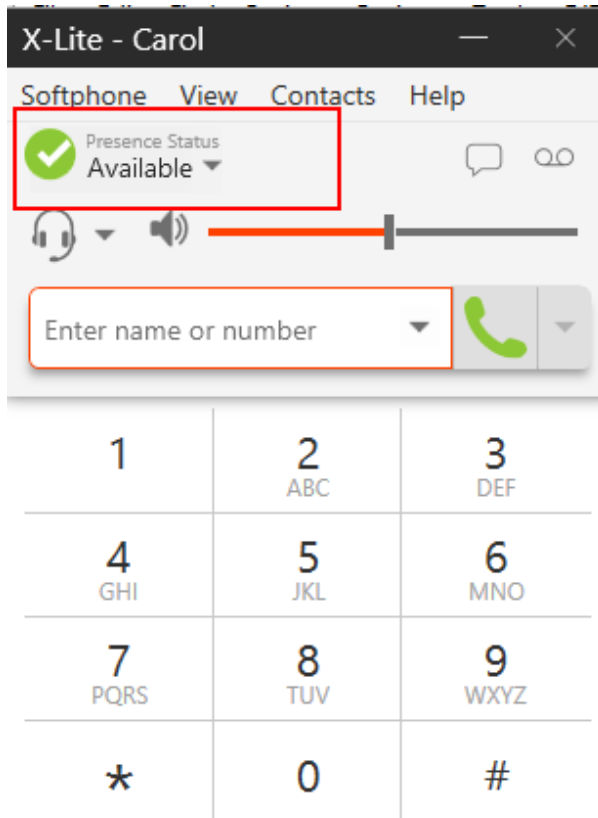
Dial plan: #1\a\a.T;match=1;prestrip=2;

OK Cancel

- **Account name:** Set a name for the account.
- **User ID:** Enter the extension number.
- **Domain:** Enter the domain of your PBX.
- **Password:** Enter the extension's **Registration Password**.
- **Display name:** Set the name that you want to appear on the soft phone screen.
- **Authorization name:** Enter the extension's **Registration Name**.

2. Click **OK**.

If the extension is registered, you can see the status shows as below.



MicroSIP

Register MicroSIP Soft Phone with Yeastar K2 IPPBX

This guide is based on the MicroSIP v3.17.3 and Yeastar K2 IPPBX .

1. Launch MicroSIP, go to **Menu**→**Add Account**, configure the account settings.

The screenshot shows the 'Account' configuration window with the following fields and values:

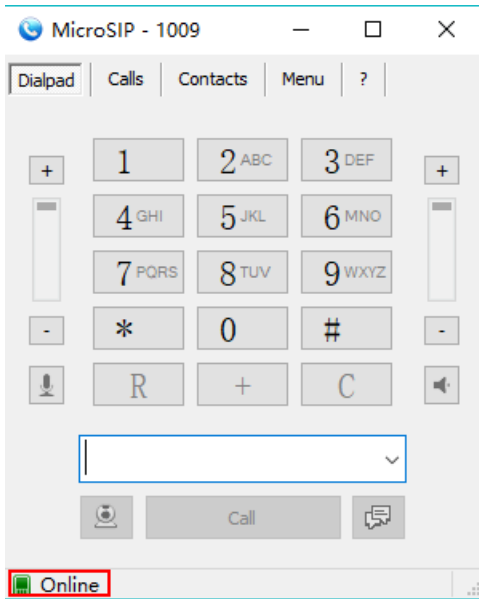
- Account Name: 1009
- SIP Server: sip.yeastcloud.com
- SIP Proxy: (empty)
- User*: 1009
- Domain*: sip.yeastcloud.com
- Login: (empty)
- Password: (masked with dots)
- display password: (link)
- Display Name: Carol
- Voicemail Number: (empty)
- Media Encryption: Disabled
- Transport: UDP
- Public Address: Auto
- Publish Presence:
- ICE:
- Allow IP Rewrite:
- Disable Session Timers:

Buttons at the bottom: Remove Account, Save, Cancel.

- **Account Name:** Set the name that you want to appear on the soft phone screen.
- **SIP Server:** Enter the domain of your PBX.
- **User:** Enter the extension number.
- **Domain:** Enter the domain of your PBX.
- **Password:** Enter the extension's **Registration Password**.
- **Display Name:** Set the name you want to appear on the other phone's screen when calling out.
- **Transport:** Choose the same protocol of the PBX. The default protocol on PBX is UDP.

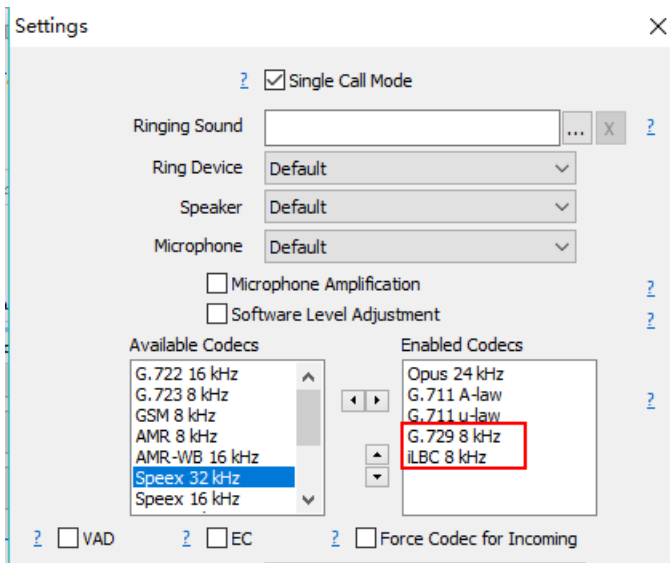
2. Click **Save**.

If the extension is registered, you can see the status shows as below.



3. Go to **Menu**→**Settings**, enable G729 and iLBC codecs.

Note: G729 and iLBC are the default enabled codecs on the PBX. To ensure the call is normal, you need to enable the G729 or iLBC codec on the soft phone.



4. Click **Save**.

Mitel

Register Mitel Phone with Yeastar K2 IPPBX

This guide is based on Mitel 6867i v4.1.0.148 and Yeastar K2 IPPBX .

Note: For the IP phone with different firmware version, the web GUI may be different.

1. Log in the web page of the phone.
 - **Username:** admin
 - **Password:** 22222
2. Go to **Advanced** section, choose a line to configure.
 - a. In the **Basic SIP Authentication Settings**, enter the extension information.

Configuration Line 1	
Basic SIP Authentication Settings	
Screen Name	1009
Screen Name 2	
Phone Number	1009
Caller ID	1009
Authentication Name	1009
Password	*****
BLA Number	
Line Mode	Generic ▼
Call Waiting	Global ▼

- **Screen Name:** Set the name that you want to display on the phone screen.
 - **Phone Number:** Fill in the extension number.
 - **Caller ID:** Fill in the extension's **Caller ID**.
 - **Authentication Name:** Fill in the extension's **Registration Name**.
 - **Password:** Fill in the extension's **Registration Password**.
- b. In the **Basic SIP Network Settings**, enter the PBX information.

Basic SIP Network Settings	
Proxy Server	ip.yeastarcloud.com
Proxy Port	5060
Backup Proxy Server	
Backup Proxy Port	0
Outbound Proxy Server	
Outbound Proxy Port	0
Backup Outbound Proxy Server	
Backup Outbound Proxy Port	0
Registrar Server	ip.yeastarcloud.com
Registrar Port	5060
Backup Registrar Server	
Backup Registrar Port	0
Registration Period	120
Conference Server URI	

- **Proxy Server:** Fill in the domain of your PBX.
 - **Proxy Port:** Fill in the same SIP port of the PBX. The default SIP port on the PBX is 5060.
 - **Registrar Server:** Fill in the domain of your PBX.
 - **Registrar Port:** Fill in the same SIP port of the PBX. The default SIP port on the PBX is 5060.
 - **Registration Period:** Set the registration period according to the settings on your PBX. The default range of SIP registration time on the PBX is 60-3600 seconds.
3. Click **Save Settings**.

4. Go to **Advanced**→**Global SIP**, set the RTP settings and codec preferences.
 - a. In the **RTP Settings** section, configure the RTP according to the settings on your PBX.

RTP Settings	
RTP Port	10000
Force RFC2833 Out-of-Band DTMF	<input checked="" type="checkbox"/> Enabled
DTMF Method	RTP ▼
RTP Encryption	SRTP Disabled ▼

- **Force RFC2833 Out-of-Band DTMF:** Enabled
- **DTMF Method:** RTP
- **RTP Encryption:** If you don't enable SRTP for the extension, choose **SRTP Disabled**.

- b. In the **Codec Preference List** section, set the codec preferences according your PBX settings.



Note: G729 and iLBC are the default enabled codecs on the PBX, you should enable the G729 codec or the iLBC codec on your phone.

Codec Preference List	
Note: Basic Codecs Include G.711u (8K), G.711a (8K), G.729	
Codec 1	G.729 ▼
Codec 2	iLBC ▼
Codec 3	G.711u (8K) ▼
Codec 4	G.711a (8K) ▼
Codec 5	None ▼
Codec 6	None ▼
Codec 7	None ▼
Codec 8	None ▼
Codec 9	None ▼
Codec 10	None ▼
Packetization Interval	30 ▼
Silence Suppression	<input type="checkbox"/> Enabled

5. Click **Save Settings**.
6. Reboot the phone to make the configuration take effect.

You can check the extension status via **Status**→**System Information**. If the extension is registered, the status shows "Registered".

Vtech

Register Vtech Phone with Yeastar K2 IPPBX

This guide is based on the Vtech VSP610A v2. 0. 3. 0 and Yeastar K2 IPPBX .



Note: For the IP phone with different firmware version, the web GUI may be different.

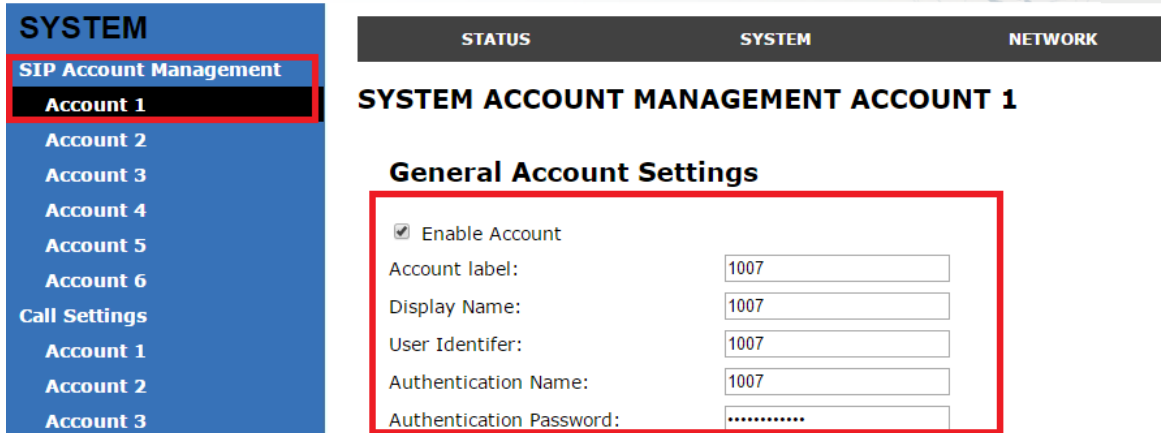
Configure the IP address via phone user interface

1. Press **System**→**Network**→**Basic Settings**→**Dual Mode**→**WAN Setting**.
2. Choose **Static IP** and alter the **IP Address**, **Subnet Mask**, **Preferred DNS Server**, **Alternate DNS Server**.
3. **Apply** it after input the correct information.
4. **Reboot** the phone and log in the phone web user interface using the new IP address.
5. Enter the user name and password, click **Log In** to enter the web user interface.

- **User Name:** admin
- **Default Password:** admin

Account Registration

1. Log in the IP phone, go to **System**→**SIP Account Management**, select one account to configure.
2. Enable the account and fill in the extension information.



- **Enable Register:** check
- **Account Label:** The name you want to display on the phone screen.
- **Display Name:** The name you want to display on another person's phone screen when you are calling the phone.
- **User Identifier:** Enter the extension's **Caller ID**.
- **Authentication Name:** Enter the extension's **Registration Name**.
- **Authentication Password:** Enter the extension's **Registration Password**.

3. In the **SIP Server** section and **Registration** section, fill in your PBX information.



- **SIP Server**
 - **Server Address:** Enter the domain of your PBX.
 - **Server Port:** Enter the SIP port of your PBX.
- **Registration**
 - **Server Address:** Enter the domain of your PBX.

- **Port:** Enter the SIP port of your PBX.

4. Click **Apply**.

If the registration is successfully, the register status would show "Registered".

Yealink

Register Yealink Phone with Yeastar K2 IPPBX

This guide is applicable to all the Yealink phones and Yeastar K2 IPPBX .



Note: For the IP phone with different firmware version, the web GUI may be different.

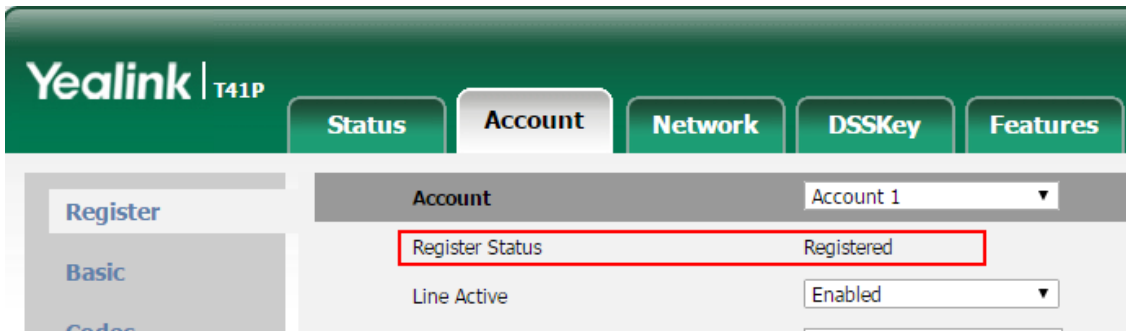
1. Log in the web page of the phone.
 - **Username:** admin
 - **Password:** admin
2. Click **Account** tab, and choose one account to configure.

Yealink T41P	
Status	Account
Network	DSSKey
Features	Settings
Register	Account 1
Basic	Register Status: Registered
Codec	Line Active: Enabled
Advanced	Label: 1001
	Display Name: 1001
	Register Name: 1001
	User Name: 1001
	Password:
	SIP Server 1
	Server Host: ys.yeastarcloud.com Port: 5060
	Transport: UDP
	Server Expires: 3600

- **Account:** Choose one account.
- **Line Active:** Enabled
- **Label:** Set the name you want to appear on the phone screen.
- **Display Name:** Set the name you want to appear on the other phone's screen when calling out.
- **Register Name:** Fill in the extension's **Register Name**.
- **User Name:** Fill in the extension number.
- **Password:** Fill in the extension's **Registration Password**.
- **Server Host:** Fill in the domain of your PBX.
- **Port:** Fill in the same SIP port of the PBX.
- **Transport:** Choose the same transport protocol of your PBX.

3. Click **Confirm**.

If the extension is registered, you can see the **Register Status** shows "Registered".

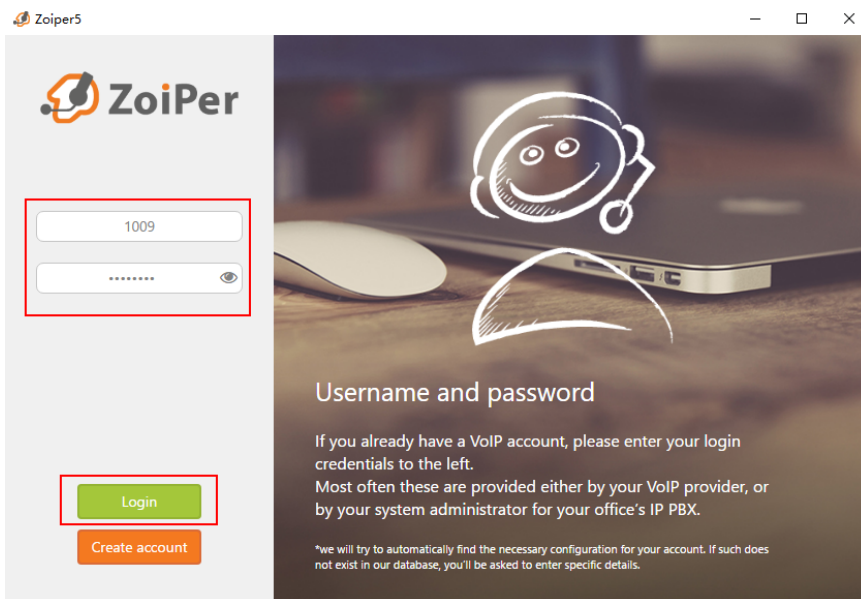


Zoiper

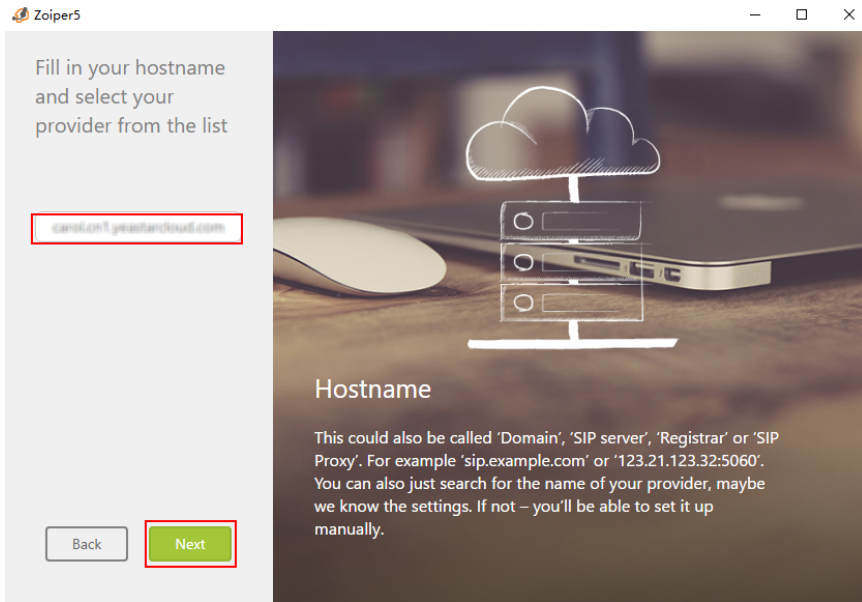
Register Zoiper Soft Phone with Yeastar K2 IPPBX

This guide is based on the Zoiper PC client v5.2.12 and Yeastar K2 IPPBX .

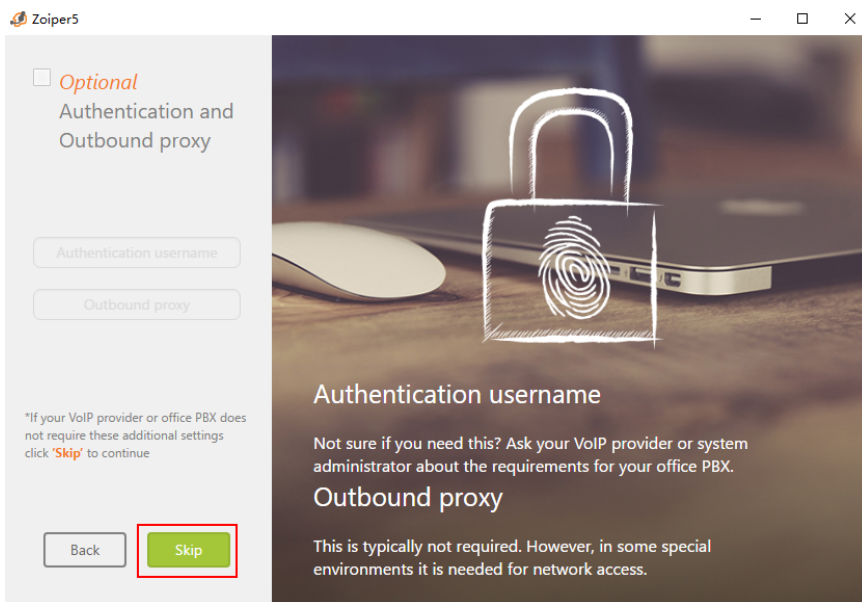
1. Launch Zoiper PC client, enter the extension number and the extension's **Registration Password**, then click **Login**.



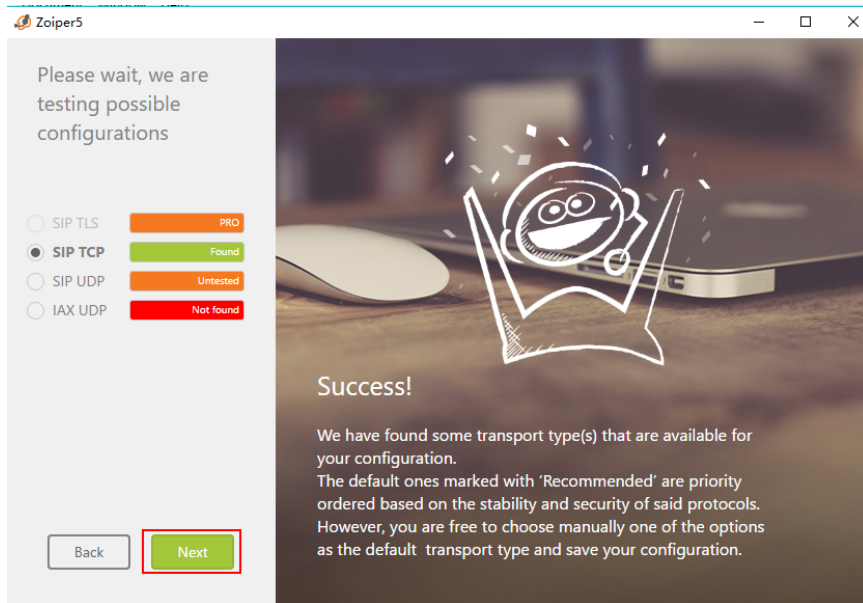
2. Enter the domain of your PBX, click **Next**.



3. Click Skip.



4. Click Next.



5. Check the account status.

If the extension is registered, you can see the status shows as the following figure.

