



# **Polycom IP Phone Configuration Guide**

Version 1.0

Date: 2016.09.19

**Yeastar Information Technology Co. Ltd.**

## Introduction

This guide introduces how to configure Polycom IP phones with Yeastar S-Series VoIP PBX. You have multiple ways to configure the Polycom phone:

- [Registering to Yeastar S-Series Manually](#)
- [Provisioning Polycom Phones via DHCP](#)

### Supported Phone Models

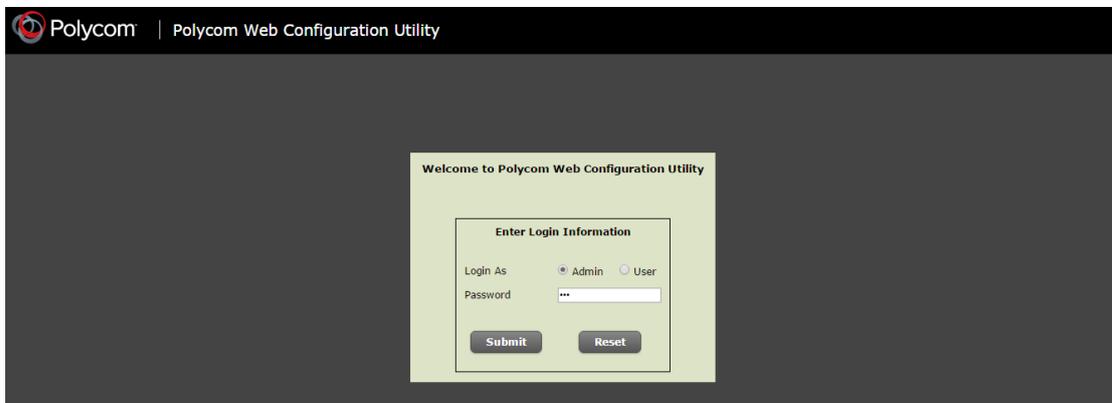
- Polycom VVX Series: 101, 201, 300, 310, 400, 500, 600, 601, 1500
- Polycom SoundPoint Series: IP321, IP331, IP335, IP450, IP550, IP560, IP670

**Note:** different IP phone firmware versions may have different web GUI with different settings.

## Registering to Yeastar S-Series Manually

If you choose registering Polycom to Yeastar S-Series manually, you have to log in each phone, and configure one by one.

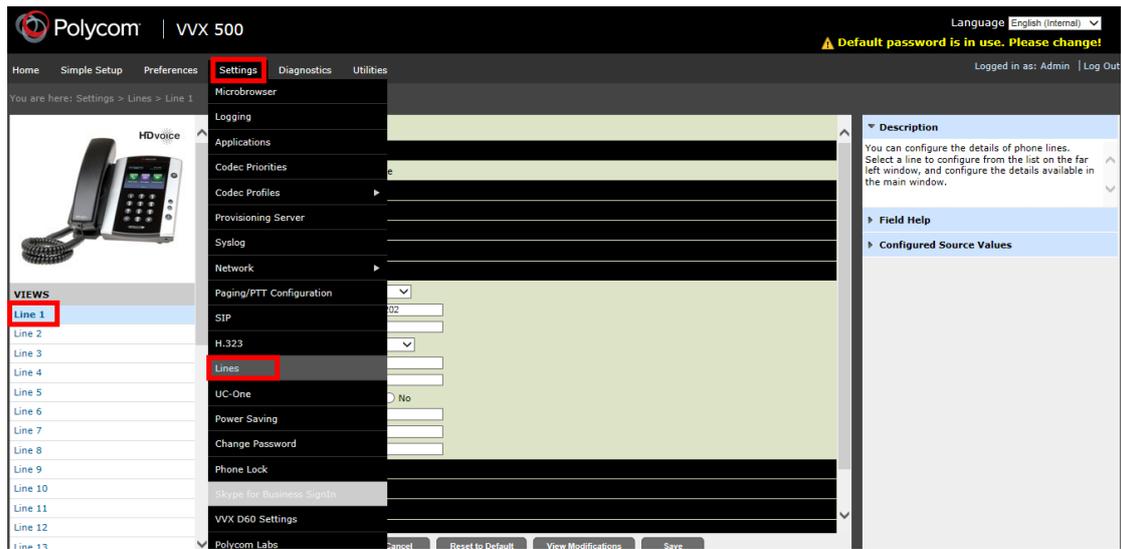
1. Press the Menu key on the phone, go to “Settings > Status > Network > TCP/IP Parameter” to check the phone’s IP address.
2. Type the IP address in your browser. HTTPs only is supported since UC Software 5.5.0 only. Log in the phone using https if your phone version is above 5.5.0. For example, type <https://192.168.1.7> in your browser.
  - Login as: Admin
  - Default Password: 456



**Note:** if the phone’s web service mode is not enabled, please enable it on the phone.

- 1) Press Menu key on the phone, go to “Settings > Advanced”, enter the password 456.
- 2) Go to “Administration Settings > Web Server Configuration”, configure:
  - Web Server: Enabled
  - Web Config Mode: choose HTTP or HTTPS

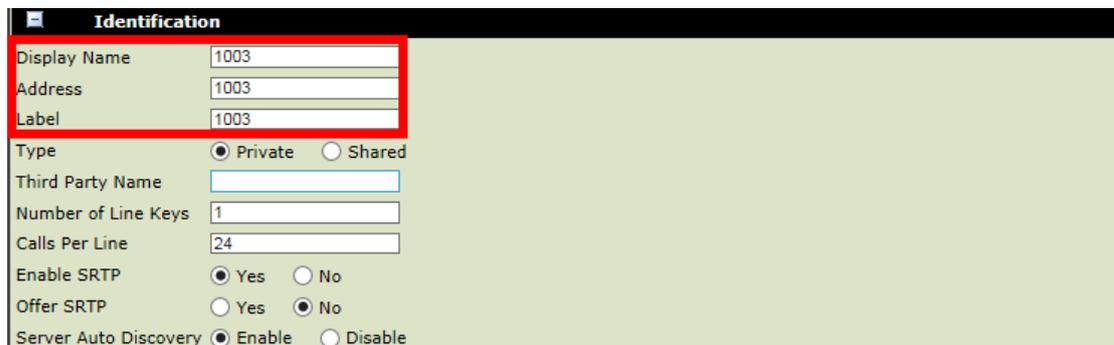
3. Go to “Settings > Lines”, and choose a line to configure.



4. Enable “SIP Protocol”.



5. Expand “Identification” option, and set as follows:



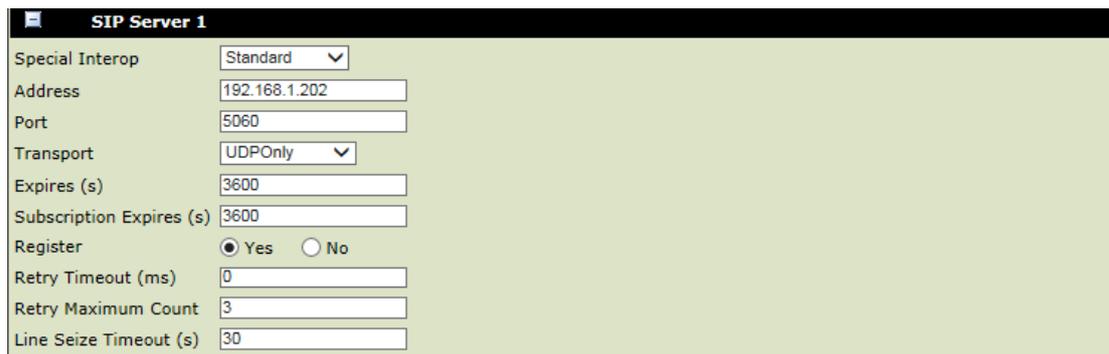
- **Display Name:** set the name you want to appear on other phone’s display when calling other phones.
- **Address:** fill in the extension number.
- **Label:** set the name you want to appear on the phone display.

6. Expand “Authentication” option, and set as follows:



- **User Login Credentials:** Disable
- **User ID:** fill in the extension’s “Register Name”.
- **Password:** fill in the extension’s “Registration Password”.

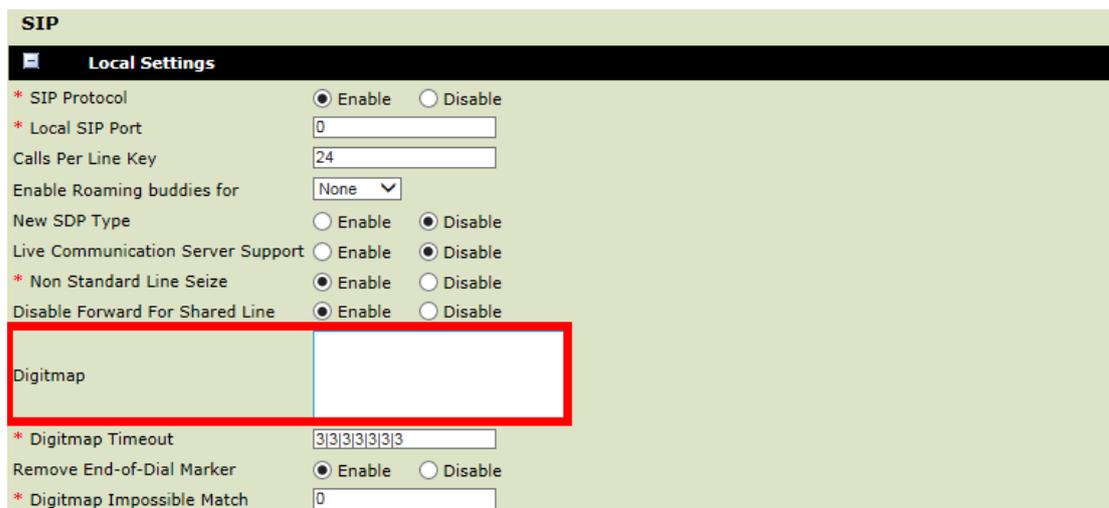
7. Expand “SIP Server 1” option, and set as follows:



Special Interop	Standard
Address	192.168.1.202
Port	5060
Transport	UDPOOnly
Expires (s)	3600
Subscription Expires (s)	3600
Register	<input checked="" type="radio"/> Yes <input type="radio"/> No
Retry Timeout (ms)	0
Retry Maximum Count	3
Line Seize Timeout (s)	30

- **Special Interop:** Standard
- **Address:** fill in Yeastar S-Series PBX’s IP address.
- **Port:** 5060 (the default SIP port on Yeastar S-Series PBX)
- **Transport:** UDPOOnly
- **Register:** Yes

8. Go to “Settings > SIP” page, set the “Digitmap” to blank, which allows the user to dial any number out.



* SIP Protocol	<input checked="" type="radio"/> Enable <input type="radio"/> Disable
* Local SIP Port	0
Calls Per Line Key	24
Enable Roaming buddies for	None
New SDP Type	<input type="radio"/> Enable <input checked="" type="radio"/> Disable
Live Communication Server Support	<input type="radio"/> Enable <input checked="" type="radio"/> Disable
* Non Standard Line Seize	<input checked="" type="radio"/> Enable <input type="radio"/> Disable
Disable Forward For Shared Line	<input checked="" type="radio"/> Enable <input type="radio"/> Disable
Digitmap	
* Digitmap Timeout	33333333
Remove End-of-Dial Marker	<input checked="" type="radio"/> Enable <input type="radio"/> Disable
* Digitmap Impossible Match	0

9. Click “Save”.

10. Check the extensions status. If the extension is registered to Yeastar S-Series successfully, the “Register Status” will show “Registered”.

## Provisioning Polycom Phones via DHCP

Before provisioning the phones, you must reset the phones to factory defaults in case that the phones have residual settings of a previous configurations.

1. Connect the phone to the same network with Yeastar S-Series PBX.
2. Disable local DHCP server in your local network, e.g. disable DHCP server on Linksys router.

The screenshot shows the Linksys Basic Setup page for an Etherfast Cable/DSL Router (BEFSR41). The page is divided into several sections: Internet Setup, Network Setup, and Basic Setup. The Local DHCP Server settings are highlighted with a red box, showing the 'Local DHCP Server' option set to 'Disable'.

**LINKSYS**  
A Division of Cisco Systems, Inc. Firmware Version: 1.04.06

**Setup** Etherfast® Cable/DSL Router BEFSR41

Setup Security Applications & Gaming Administration Status

Basic Setup DDNS MAC Address Clone Advanced Routing

**Internet Setup**

Internet Connection Type: Obtain an IP automatically

Optional Settings (required by some ISPs)

Host Name:

Domain Name:

MTU:  Enable  Disable Size:

**Network Setup**

Router IP

Local IP Address:

Subnet Mask:

Local DHCP Server:  Enable  Disable

Start IP Address:

Number of Address:

DHCP Address Range: 192.168.1.100 to 192.168.1.149

Client Lease Time:  minutes (0 means one day)

Static DNS 1:

Static DNS 2:

Static DNS 3:

WINS:

**Basic Setup**

The Basic Setup screen is where basic configuration is performed. Some ISPs (Internet Service Providers) will require that you enter the DNS information. These settings can be obtained from your ISP. After you have configured these settings, you should set a router password from the Administration->Management screen.

Completing the Internet Setup section is all that is required to set up for your specific ISP. Please look at the table below to configure the Router for your Internet connection.

[More...](#)

Save Settings Cancel Changes

CISCO SYSTEMS

3. Enable DHCP server on Yeastar S-Series and configure the DHCP server settings according to your local network. (Settings > System > Security > Service)

Enable DHCP Server DHCP is running.

Gateway ⓘ:

Subnet Mask ⓘ:

Preferred DNS Server ⓘ:

Alternate DNS Server ⓘ:

DHCP Address Range ⓘ:  -

TFTP Server ⓘ:

NTP Server ⓘ:

- Go to “Auto Provisioning” App. Click “Scan”, all the phones in the local network will show up on the page.
- Search the phone by MAC address or IP address, and click “edit”.

Auto Provisioning

Device List | Upload Files | Phonebook | Firmware Upgrade

Scan | Add | Bulk Add | Edit | Delete

MAC Address, Extension, Name, IP Address

<input type="checkbox"/>	MAC Address	Extension	Name	IP Address	Manufacturer	Model	Edit	Delete
<input type="checkbox"/>	0004f2ad2aa5	Not Configured	Not Configured	<a href="#">192.168.1.6</a>	Polycom	VVX500	<a href="#">✎</a>	<a href="#">🗑️</a>
<input type="checkbox"/>	64167f818f9d	Not Configured	Not Configured	<a href="#">192.168.1.7</a>	Polycom	VVX300	<a href="#">✎</a>	<a href="#">🗑️</a>

- Choose the phone Model, active a line and assign an extension for the phone. You can also configure keys, features, preferences and codec for the phone.

**Edit Device**

Manufactures:  MAC Address:

Model:

Account | Features | Preference | Codec

<input checked="" type="checkbox"/> Line1	Extension: <input type="text" value="1001"/>	Label: <input type="text" value="1001"/>	<input checked="" type="checkbox"/> Line Active
<input type="checkbox"/> Line2	Extension: <input type="text" value="1000"/>	Label: <input type="text"/>	<input checked="" type="checkbox"/> Line Active
<input type="checkbox"/> Line3	Extension: <input type="text" value="1000"/>	Label: <input type="text"/>	<input checked="" type="checkbox"/> Line Active

- Click “Save”.

8. The system prompts you to reboot the phone, click “OK”.
9. Reboot the phone manually, the phone will restart, then reboot again to apply the configurations automatically.