



Htek IP Phone Configuration Guide

Version 1.0

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Yeastar Information Technology Co. Ltd.

Introduction

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

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

Supported Phone Models

- Htek UC Series: 802, 803, 804, 840, 842, 806, 860, 862, 902, 903, 923, 924, 926

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

Registering to Yeastar S-Series Manually

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

1. Log in the Htek IP phone web user interface.

- Username: admin
- Password: admin

The screenshot shows the Htek web user interface. The top navigation bar includes Home, Account, Network, Function Keys, Setting, Directory, and Management. The main content area is divided into three sections: Status, Account Status, and Network. The Status section shows the following information:

Product Model	UC840
Firmware Version	BOOT-1.0.3.35(2014-10-16 14:40:00) IMG-1.0.3.98.AD(2016-07-30 10:58:00) ROM-1.0.3.98.AD(2016-07-30 11:06:00) DSP-9.0.3(Patch 1.0.0)
Account Status	
Account1	Registered
Account2	Registered
Account3	Registered
Network	
WAN Port Type	Static IP
WAN IP Address	192.168.9.135
Subnet Mask	255.255.255.0
Gateway	192.168.9.1
Primary DNS	192.168.9.1

On the right side, there is a NOTE section with the following information:

- Version:** It shows product type and the version of firmware.
- Account Status:** It shows the registered status of accounts.
- Network:** It shows the detail information of WAN port and LAN port.
- System Up Time:** It shows the running time after device power up.
- Restart:** Restart the voip application

2. Click "Account" Tab.

The screenshot shows the Htek web user interface with the Account configuration page. The top navigation bar includes Home, Account, Network, Function Keys, Setting, Directory, and Management. The main content area is divided into three sections: Basic, Account, and Advanced. The Account section shows the following configuration options:

Account	Account 1
Account Status	Registered
* Account Active	<input type="radio"/> No <input checked="" type="radio"/> Yes
* Primary SIP Server	192.168.9.76
Failover SIP Server	
Second Failover SipServer	
Prefer Primary SIP Server	<input checked="" type="radio"/> No <input type="radio"/> Yes
Outbound Proxy	
Backup Outbound Proxy	
* SIP Transport	<input checked="" type="radio"/> UDP <input type="radio"/> TCP <input type="radio"/> TLS
NAT Traversal	<input type="radio"/> No <input checked="" type="radio"/> No, but send keep alive <input type="radio"/> STUN
Label	Lucas
* SIP User ID	1006
* Authenticate ID	1006
* Authenticate Password	*****
Name	Lucas

On the right side, there is a NOTE section with the following information:

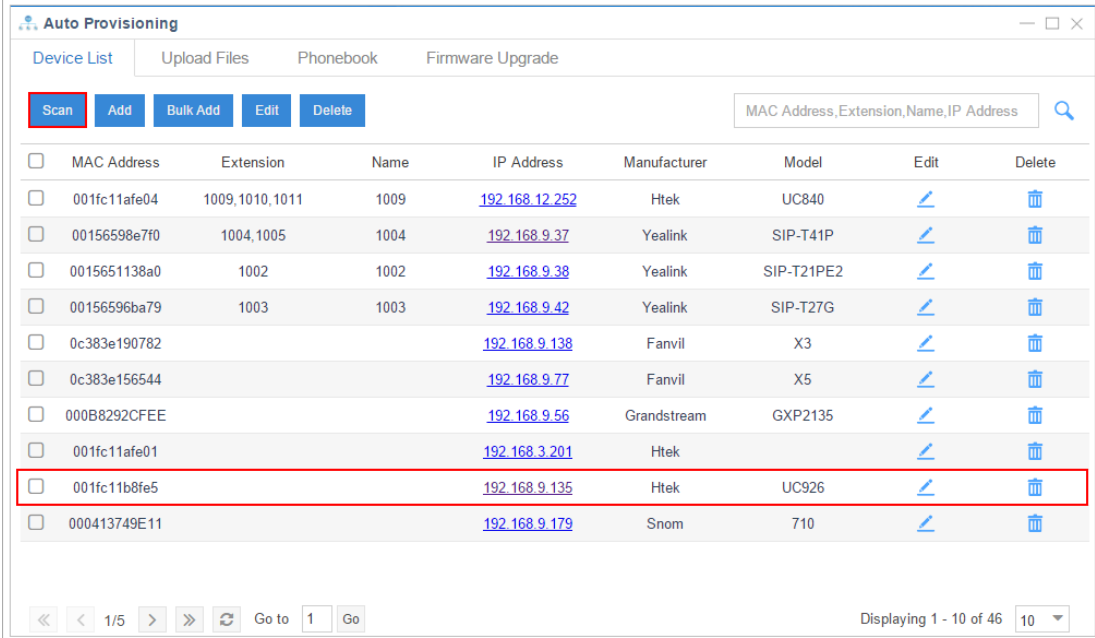
- Basic:** The Basic parameters configured by the administrator.
- Codecs:** Select the codec you want to use.
- Advanced:** The advanced parameters configured by the administrator.

- **Account:** choose one account.
 - **Account Active:** Yes
 - **Primary SIP Server:** fill in Yeastar S-Series PBX's IP address.
 - **SIP Transport:** choose "UDP". The default SIP transport on Yeastar S-Series is UDP.
 - **Label:** set the name you want to appear on the phone display.
 - **SIP User ID:** fill in the extension number.
 - **Authentication ID:** fill in the extension's "Register Name".
 - **Name:** the local phone name showing on the other phone when calling
3. Click "Save Set".
 4. Check the extensions status. If the extension is registered to Yeastar S-Series successfully, the "Account Status" will show "Registered".

Provisioning Htek Phones via PnP

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. The phone will send a PnP request to the PBX when booting up. By default, PnP is activated on the phone.
2. Log in Yeastar S-Series Web interface, go to “Auto Provisioning” App. Click “Scan”, all the phones in the local network will show up on the page.
3. Search the phone by MAC address or IP address, and click “edit”.



The screenshot shows the 'Auto Provisioning' web interface. At the top, there are tabs for 'Device List', 'Upload Files', 'Phonebook', and 'Firmware Upgrade'. Below the tabs are buttons for 'Scan', 'Add', 'Bulk Add', 'Edit', and 'Delete'. A search bar is present with the placeholder text 'MAC Address, Extension, Name, IP Address'. The main area contains a table of discovered devices:

<input type="checkbox"/>	MAC Address	Extension	Name	IP Address	Manufacturer	Model	Edit	Delete
<input type="checkbox"/>	001fc11afe04	1009,1010,1011	1009	192.168.12.252	Htek	UC840	Edit	Delete
<input type="checkbox"/>	00156598e7f0	1004,1005	1004	192.168.9.37	Yealink	SIP-T41P	Edit	Delete
<input type="checkbox"/>	0015651138a0	1002	1002	192.168.9.38	Yealink	SIP-T21PE2	Edit	Delete
<input type="checkbox"/>	00156596ba79	1003	1003	192.168.9.42	Yealink	SIP-T27G	Edit	Delete
<input type="checkbox"/>	0c383e190782			192.168.9.138	Fanvil	X3	Edit	Delete
<input type="checkbox"/>	0c383e156544			192.168.9.77	Fanvil	X5	Edit	Delete
<input type="checkbox"/>	000B8292CFEE			192.168.9.56	Grandstream	GXP2135	Edit	Delete
<input type="checkbox"/>	001fc11afe01			192.168.3.201	Htek		Edit	Delete
<input type="checkbox"/>	001fc11b8fe5			192.168.9.135	Htek	UC926	Edit	Delete
<input type="checkbox"/>	000413749E11			192.168.9.179	Snom	710	Edit	Delete

At the bottom of the interface, there are navigation controls including a 'Go to' field with the number '1' and a 'Go' button. On the right, it says 'Displaying 1 - 10 of 46' with a dropdown menu set to '10'.

4. 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: Htek MAC Address: 001fc11b8fe5

Model: UC926

Account	LineKey	Features	Preference	Codec	
<input checked="" type="checkbox"/> Line1	Extension:	1006		Label: 1006	<input checked="" type="checkbox"/> Line Active
<input checked="" type="checkbox"/> Line2	Extension:	1007		Label: 1007	<input checked="" type="checkbox"/> Line Active
<input checked="" type="checkbox"/> Line3	Extension:	1008		Label: 1008	<input checked="" type="checkbox"/> Line Active
<input checked="" type="checkbox"/> Line4	Extension:	1012		Label: 1012	<input checked="" type="checkbox"/> Line Active
<input checked="" type="checkbox"/> Line5	Extension:	1015		Label: 1015	<input checked="" type="checkbox"/> Line Active
<input checked="" type="checkbox"/> Line6	Extension:	1016		Label: 1016	<input checked="" type="checkbox"/> Line Active

SaveCancel

5. Click "Save".
6. The system prompts you to reboot the phone, click "OK". The phone will reboot and configure automatically.

Provisioning Htek 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: to

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.

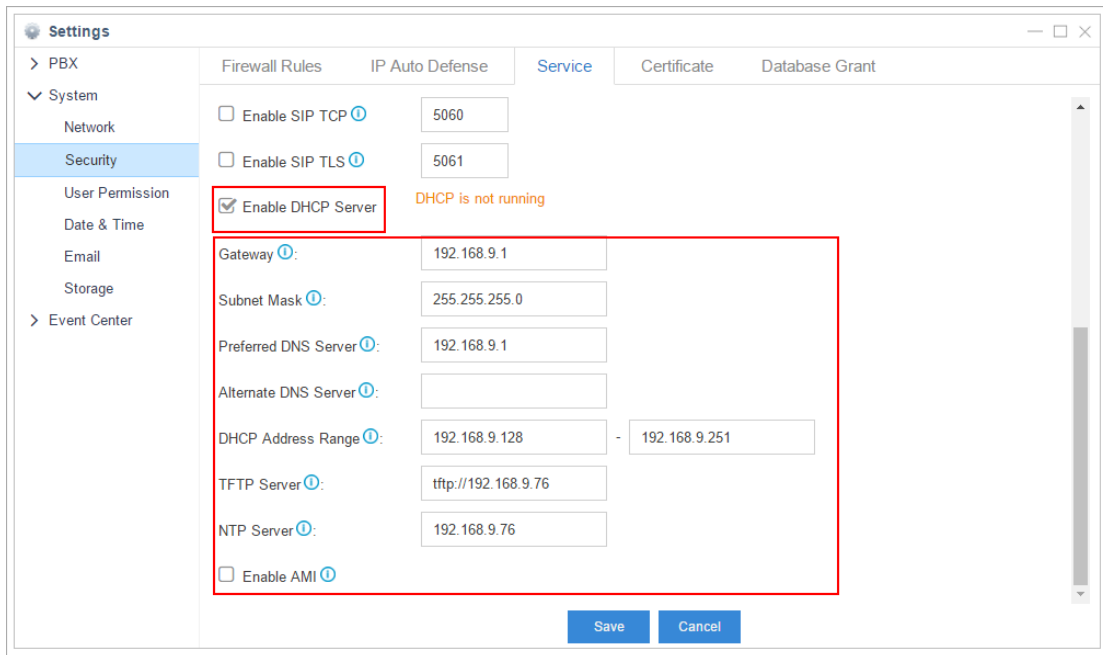
Completing the Internet Setup section is all that is required to set up for your specific ISP. Please look at the table below to configure the Router for your Internet connection.

[More...](#)

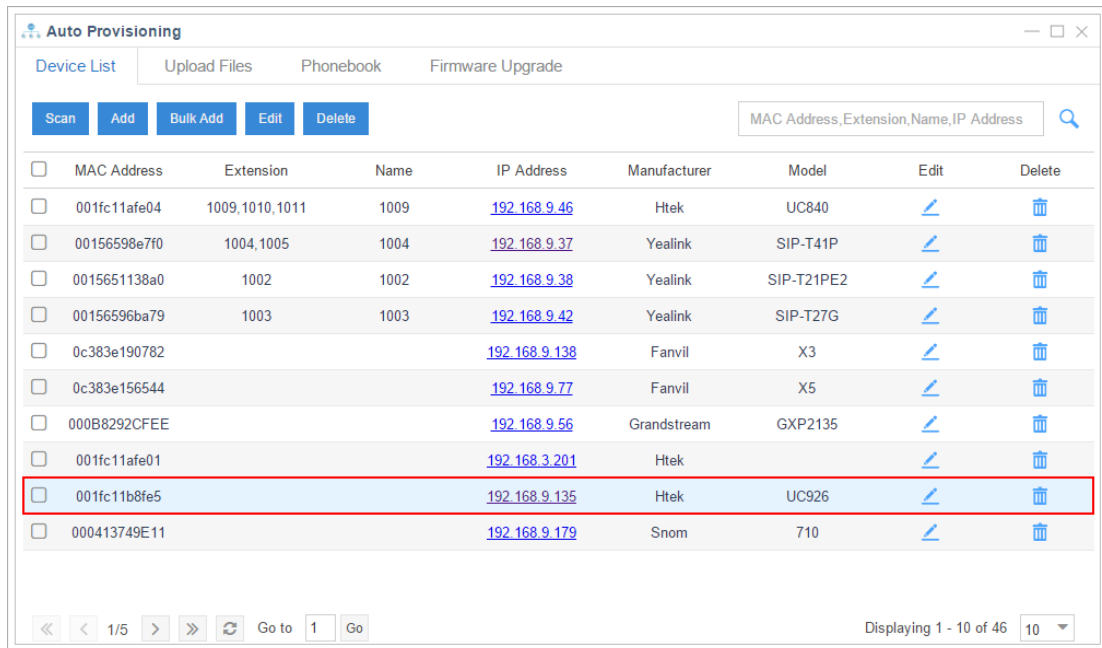
Save Settings Cancel Changes

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)



- 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”.



- 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: Htek ▼ MAC Address: 001fc11b8fe5

Model: UC926 ▼

Account	LineKey	Features	Preference	Codec	
<input checked="" type="checkbox"/> Line1	Extension:	1012 ▼		Label: 1012	<input checked="" type="checkbox"/> Line Active
<input checked="" type="checkbox"/> Line2	Extension:	1013 ▼		Label: 1013	<input checked="" type="checkbox"/> Line Active
<input checked="" type="checkbox"/> Line3	Extension:	1016 ▼		Label: 1016	<input checked="" type="checkbox"/> Line Active
<input checked="" type="checkbox"/> Line4	Extension:	1006 ▼		Label: 1006	<input checked="" type="checkbox"/> Line Active
<input checked="" type="checkbox"/> Line5	Extension:	1007 ▼		Label: 1007	<input checked="" type="checkbox"/> Line Active
<input checked="" type="checkbox"/> Line6	Extension:	1008 ▼		Label: 1008	<input checked="" type="checkbox"/> Line Active

Save Cancel

7. Click "Save".
8. The system prompts you to reboot the phone, click "OK". The phone will reboot and configure automatically.