

OVERVIEW & REQUIREMENTS

This guide explains how to configure the **VTech VSP600** DECT SIP cordless phone system (base station and handsets) to register with the PBX, using either manual configuration or auto provisioning.

IDENTIFY YOUR PHONE MODEL

Check the label on the back of the phone to confirm the exact model. VTech models can differ in requirements and setup procedure — confirming the model first avoids failed registrations.

PHONE FIRMWARE

- Required firmware version: **1.1.4.1**.
- To check, browse to the phone IP (example: `http://192.168.1.22`) and log in to the web administration interface. Factory default login: username **admin**, password **admin**.

DHCP SERVER

A fully configured and operational DHCP server on the network.

PBX VERSION

A PBX version **4.1.2.0 or newer** is required.



CHECKING THE PBX VERSION

Log in to the PBX and navigate to **Settings** → **About**. The top of the About page shows a line similar to **Edition: Business, Release: 4.1.2.0** — **Release** denotes the exact version.



INSTALLATION

POWER ADAPTER

- Connect the DC plug on the power adapter to the DC port on the phone, and plug the other end into an electrical outlet.
- Connect the Ethernet cable between the **Internet** port on the phone and a network port on your router or switch.

POWER OVER ETHERNET (POE)

- Using a regular Ethernet cable, the phone can be powered directly from a PoE-compliant router or switch.
- Connect the Ethernet cable between the **Internet** port on the phone and an available port on the in-line power switch.

NOTE: If you are using Power over Ethernet, do not connect the AC adapter. Make sure the Ethernet cable and the router or switch are PoE compliant.

FIND THE PHONE IP ADDRESS

Press the **Menu** button on the handset or deskset, open the **Status** submenu, then the **Network** submenu. The IP address is displayed at the top of the screen.

RESET TO FACTORY SETTINGS

Not required for brand-new phones — but if the phone has been used before, a factory reset is a must.

FROM THE WEB INTERFACE

- Browse to the phone IP (example: `http://192.168.1.22`) and log in (**admin / admin**).
- Click the **Servicing** tab, then **Provisioning** in the left-hand menu.
- Click **Reset**. The phone resets to factory settings and reboots.
- Allow time for the device to reboot.

NOTE: Do not unplug or remove power from the phone while it is updating firmware and configurations.

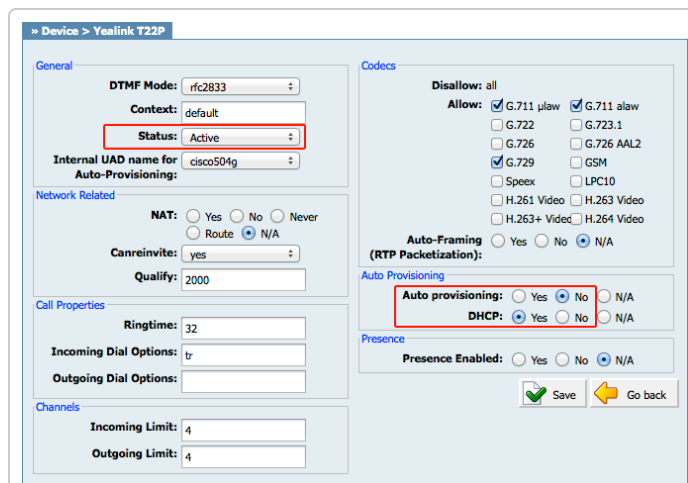
MANUAL CONFIGURATION

1 · UAD SETTINGS

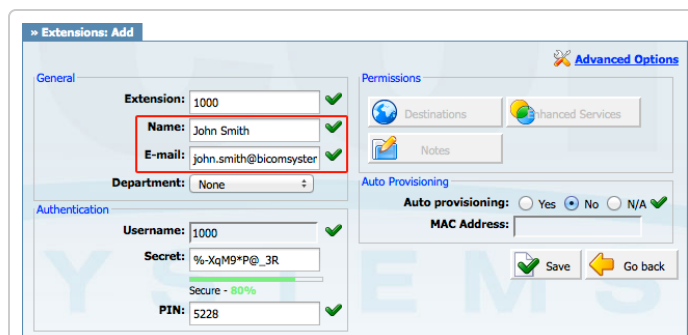
- Browse to the PBX (example: `http://192.168.1.10`) and log in with your e-mail address and password.
- Navigate to **Settings** → **UAD** and make sure the VTech UAD is enabled — click the **edit** icon for your VTech phone.
- Set **Status** = **Active**, **Auto provisioning** = **No**, **DHCP** = **Yes**.
- Click **Save**.

2 · CREATING THE EXTENSION

- Navigate to **Extensions** and click **Add Extension**.
- Select the VTech phone model in the **UAD** select box.
- Select Location: **Local** (LAN) or **Remote** (WAN/Internet), then click **Next step**.
- Enter **Name** (e.g. John Smith), **E-mail** (e.g. john.smith@yourdomain.com — receives system notifications), and **Department** (e.g. Sales), then click **Save**.



UAD SETTINGS — MANUAL CONFIGURATION



ADD EXTENSION

3 · REGISTERING THE PHONE (HOSTNAME OR IP ADDRESS)

Browse to the phone IP, log in (**admin / admin**), and click **Account**. Enter the following:

Account Active	Select the On radio box.
Register Name	The Extension number. Example: 1003
User Name	Usually the same number as the phone number.
Password	The extension Secret received in the extension e-mail (auto-generated per extension). Example: _%Z4M3*Ts9y7
Sip Server	Hostname or IP address of the PBX. Examples: pbx.yourdomain.com or 192.168.1.10

Click **Confirm**.

Dial ***123** to verify registration.

AUTO PROVISIONING — SETUP

1 · UAD SETTINGS

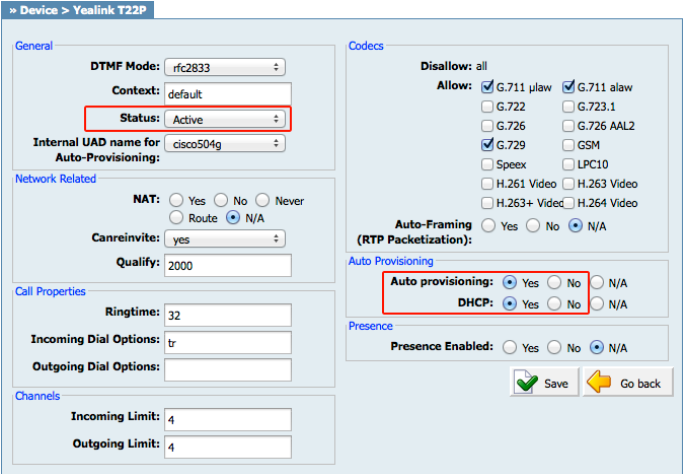
- Log in to the PBX and navigate to **Settings** → **UAD**.
- Edit the VTech UAD and set **Status** = **Active**, **Auto provisioning** = **Yes**, **DHCP** = **Yes**.
- Click **Save**.

2 · CREATING THE EXTENSION

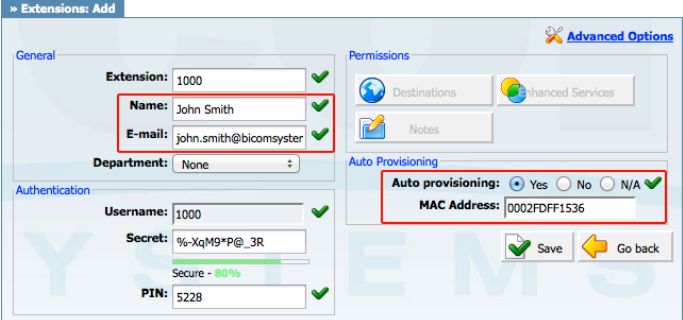
- Navigate to **Extensions** → **Add Extension**, select the VTech model and Location, then click **Next step**.
- Enter **Name** and **E-mail** as usual, then set:
- Auto Provisioning** = **Yes**.
- MAC Address** — the phone MAC, found on the label on the back of the phone. Example: **14AEDB123456**.
- Click **Save**.

3 · DHCP (OPTION 66)

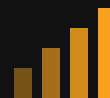
Make sure your DHCP router uses **option 66** to automatically hand phones the auto-provisioning URL. Provisioning runs at first boot or on a user-initiated reboot — the DHCP server tells the phone where to pick up its configuration file. Dial ***123** to verify registration.



UAD SETTINGS — AUTO PROVISIONING



EXTENSION — AUTO PROVISIONING & MAC ADDRESS



AUTO PROVISIONING — TFTP

PHONE-SIDE PROVISIONING SETUP

- Browse to the phone IP (example: `http://192.168.1.22`), enter **username** and **password** (defaults **admin / admin**) and press **Confirm**.
- Click the **Servicing** tab, then **Provisioning** in the left-hand menu.
- In the **Server URL** field, enter `tftp://` followed by the hostname or IP address (see formats at right).
- Click **Save**, then **Reboot** in the left-hand menu, then the **Reboot** button.
- Provisioning runs during the reboot — the phone picks up its configuration file from the PBX. **Do not power off the phone** while it updates.

PROVISIONING ADDRESS FORMATS

For **TFTP**, enter `tftp://` followed by the hostname or IP:

```
tftp://pbx.yourdomain.com
```

```
tftp://192.168.1.10
```

Dial ***123** to verify registration.

NEED A HAND?

Contact your service provider using the support details shown in the footer of this guide.

ADDITIONAL CONFIGURATION TEMPLATE

To include additional UAD configuration for the VTech VSP600, add fields to the **User Agent General Auto Provisioning Template** under **Settings** → **UAD** → **VTech VSP600**, or add them directly to the extension in the **UAD Auto Provisioning Template** section.

HANDSET LINE REGISTRATION

ONE LINE PER HANDSET

To register one line per handset, add the following to the **UAD Auto Provisioning Template**:

```
hs_settings.1.assigned_account = 1  
hs_settings.1.default_account = 1  
hs_settings.1.handset_name = HANDSET
```

```
hs_settings.2.assigned_account = 2  
hs_settings.2.default_account = 2  
hs_settings.2.handset_name = HANDSET
```

```
hs_settings.3.assigned_account = 3  
hs_settings.3.default_account = 3  
hs_settings.3.handset_name = HANDSET
```

```
hs_settings.4.assigned_account = 4  
hs_settings.4.default_account = 4  
hs_settings.4.handset_name = HANDSET
```

```
hs_settings.5.assigned_account = 5  
hs_settings.5.default_account = 5  
hs_settings.5.handset_name = HANDSET
```

```
hs_settings.6.assigned_account = 6  
hs_settings.6.default_account = 6  
hs_settings.6.handset_name = HANDSET
```