

OVERVIEW & REQUIREMENTS

This guide walks through configuring the **Yealink AX86R** IP phone to register with **the mywlpbx Elite platform v7.5.0** — from installation through manual configuration and auto provisioning (TFTP, HTTP/HTTPS).



Yealink AX86R IP phone

IDENTIFYING YOUR PHONE MODEL

The exact model information is printed on the back of each Yealink phone. Models can have significantly different requirements and installation procedures — confirm you have the **AX86R** before starting, or the setup may not complete successfully.

BEFORE YOU BEGIN

- **Phone model** — Confirm the exact model on the back of the phone
- **Firmware** — Version 180.87.254.3, checked via the phone's web interface
- **DHCP** — A fully configured, operational DHCP server
- **PBX version** — Release 7.5.0

CHECK PHONE FIRMWARE

- 1 Browse to the phone's IP, e.g. `http://192.168.1.22`
- 2 Go to **Status** in the left navigation menu
- 3 The **Firmware Version** field displays the phone's firmware

FIND PHONE IP ADDRESS

- 1 Click the **Menu** button on the phone and navigate to **Status**
- 2 The IP address is displayed in the **IPv4** field

CHECK PBX VERSION

- 1 Log in to the mywlpbx Elite platform, navigate to **Settings > About**

Edition: Business, Release: 7 (251dc1c5), Running: 18.15.0-gc-c6df9197, Proxy v7 (4807ca1), API: 7

INSTALLATION

OPTION A – POWER ADAPTER

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

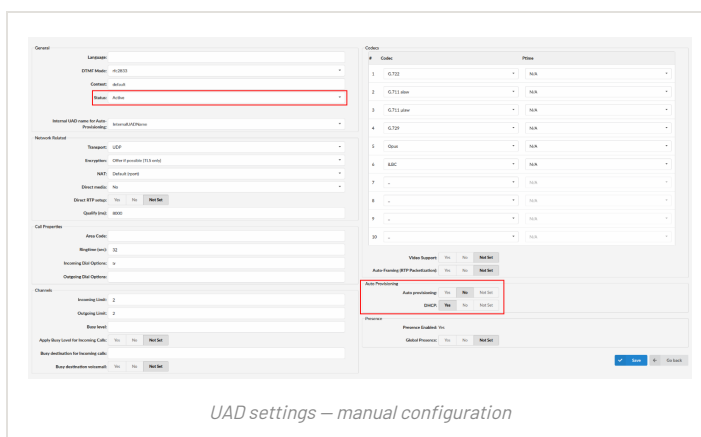
CONNECT TO THE NETWORK (WI-FI)

- 1 Open the **Menu** on the device and navigate to **Wi-Fi** > **Wi-Fi Network**
- 2 Choose and connect to your preferred wireless network

NOTE: If using PoE, you do not need the AC adapter. Ensure the Ethernet cable and router/switch are PoE compliant.

MANUAL CONFIGURATION – UAD SETTINGS

- 1 Browse to the mywlpbx Elite platform, e.g. `http://192.168.1.10`, and log in with your e-mail address and password
- 2 Navigate to **Settings > UAD**
- 3 Make sure the Yealink AX86R UAD is enabled – click the **Edit** icon for the Yealink AX86R
- 4 Set **Status** = **Active**, **Auto provisioning** = **No**, **DHCP** = **Yes**
- 5 Click **Save**



RESET TO FACTORY SETTINGS

Not required for brand-new phones – but a must for any phone previously used.

- 1 Browse to the phone's IP, e.g. `http://192.168.1.22`
- 2 Log in (factory default: `admin` / `admin`) and go to **Settings** > **Upgrade**
- 3 Click **Reset to Factory Settings** and confirm in the pop-up – the phone resets and reboots automatically
- 4 Wait for the device to finish rebooting before continuing

WARNING: Do not unplug or remove power while the phone is updating firmware or configuration.

CREATE THE EXTENSION

- Local** is for extensions registered on the LAN; **Remote** is for extensions registered from remote networks, WAN, Internet, etc.

- **Name** — e.g. John Smith
- **E-mail** — e.g. john.smith@yourdomain.com (receives all system notifications)
- **Department** — e.g. Sales

Click Save

REGISTER THE PHONE

-
- Extensio... » SAP
- General
- Extension Name: XXX1 ✓
- Name: Info Date ✓
- E-Mail: info@info.com ✓
- Department: Name 1 ✓
- Dispersment Admin: No ✓
- File Based Extension: FSD-FILE, TST174 ✓
- Rating
- Call Rating: No, Not Set ✓
- SMS Rating: No, Not Set ✓
- Service Point: Please select... ✓
- Release Period: No, Not Set ✓
- Main Extension: No, Not Set ✓
- Removable Release: No, Not Set ✓
- Czech Limit: No, Not Set ✓
- Authorization
- User Name: XXX1 ✓
- Mail: info@info.com ✓
- User Password: 12345678901234567 ✓
- SAP System Type: Please select... ✓
- SAP Mail Function Type: Please select... ✓
- SAP Mail Mail: No ✓
- Permissions
- Distribution ✓
- Release ✓
- Enhanced Services ✓
- Extensions & Modules ✓
- Auto provisioning: No, Not Set ✓
- SMTP Address: No, Not Set ✓
- Tools | Save & Cancel | Copy As HTML | Go back
- Creating the extension

AUTO PROVISIONING

1 UAD SETTINGS

- 1 Log in to the mywlpbx Elite platform, navigate to **Settings > UAD**
- 2 Click **Edit** for the Yealink AX86R, set **Status** = **Active**, **Auto provisioning** = **Yes**, **DHCP** = **Yes**, click **Save**

2 CREATE THE EXTENSION

- 1 **Extensions > Add Extension** > **UAD** = Yealink AX86R, **Location** = Local or Remote > **Next step**

REQUIRED EXTENSION FIELDS

- **Name** — e.g. John Smith
- **E-mail** — e.g. john.smith@yourdomain.com
- **Auto Provisioning** — set to Yes
- **MAC Address** — from the back of the phone, e.g. 001565FF1536

Click **Save**.

SERVER ADDRESS FORMATS

- **HTTP** — <http://voip.yourdomain.com/prov>
- **HTTPS** — <https://voip.yourdomain.com/prov>
- **TFTP** — <tftp://voip.yourdomain.com>

HTTP is the recommended protocol type.

3 REGISTER VIA TFTP, HTTP, OR HTTPS

- 1 Browse to the phone's IP and go to **Settings** > **Auto Provisioning** in the left navigation menu
- 2 Choose the server type and enter the Server URL (see formats at left)
- 3 Enter the auto-provisioning credentials into the **Username** and **Password** fields
- 4 Decide on the server type: HTTP, HTTPS, or Trivial FTP (HTTP recommended)
- 5 Enter the server address into the **Server URL** field, including protocol prefix (see formats at left)
- 6 Click **Autoprovision Now** and confirm with **OK** — provisioning runs during the reboot
- 7 Wait a couple of seconds for the configuration to update — **do not power off the phone**. The phone picks up its configuration from the PBX during the reboot. Dial ***123** to verify.

UAD settings — auto provisioning

Extension with auto provisioning

ADDITIONAL TEMPLATE & SUMMARY

ADDITIONAL CONFIGURATION TEMPLATE

To include additional UAD configuration for the Yealink AX86R, add fields to the **User Agent General Auto Provisioning Template** under **Settings > UAD > Yealink AX86R** — or add them directly to a single extension in its **UAD Auto Provisioning Template** section.



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PROVISIONING SUMMARY

After successful registration via any method, dial ***123** to verify. If registration fails:

- Verify the UAD is **Active** with the correct provisioning setting
- For auto provisioning: confirm the MAC address matches
- Confirm the phone can reach the PBX on the network
- Re-check the **Server URL** and credentials

FACTORY DEFAULTS AT A GLANCE

- **Web login** — phone web credentials
- **Firmware** — 180.87.254.3
- **Registration check** — dial *123
- **Provisioning path** — /prov
- **Recommended protocol** — HTTP