

OVERVIEW & REQUIREMENTS

This guide walks through configuring the **Yealink T87W** IP phone to register with **the mywlpbx Elite platform v7.5.0** — from installation through manual configuration and auto provisioning (TFTP, HTTP/HTTPS).

BEFORE YOU BEGIN

- **Phone model** — Confirm the exact model on the back of the phone
- **Firmware** — Version 185.87.0.15, 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 On the phone, go to **Main Menu** > **Status**
- 2 The IP address is displayed in the **IPv4** field

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 **T87W** before starting, or the setup may not complete successfully.

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

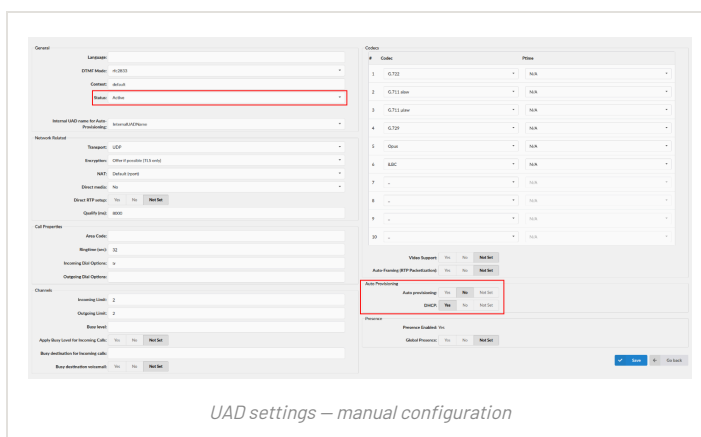
OPTION B – POWER OVER ETHERNET (POE)

- 1 Connect an Ethernet cable between the Internet port on the phone and an available port on a PoE-compliant router or switch

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 T87W UAD is enabled – click the **Edit** icon for the Yealink T87W
- 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 Click **Settings > Upgrade**
- 3 Click **Reset to Factory Settings** – 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.

MANUAL CONFIGURATION – EXTENSION & REGISTRATION

CREATE THE EXTENSION

- 1 **Extensions > Add Extension** > **UAD** = Yealink T87W, **Location** = Local or Remote > **Next step**

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

REQUIRED EXTENSION FIELDS

- **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

- 1 Browse to the phone's IP, e.g. `http://192.168.1.22`

- 2 Click **Account** > **Register**

- 3 **Line Active** – set to **On**

- 4 **Display Name / Register Name / Username** – the Extension number, e.g. `1003`

- 5 **Password** – the extension Secret, e.g. `_%Z4M3*Ts9y7` (generated automatically for each new extension)

- 6 **Server Host** – the PBX hostname or IP, e.g. `voip.yourdomain.com` or `192.168.1.10`

- 7 Click **Confirm** and wait for the device to reboot

- 8 After the reboot, dial `*123` to verify the registration.

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 T87W, set **Status** = **Active**, **Auto provisioning** = **Yes**, **DHCP** = **Yes**, click **Save**

2 CREATE THE EXTENSION

- 1 **Extensions > Add Extension** > **UAD** = Yealink T87W, **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, log in, and click the **Settings** tab in the left navigation menu
- 2 Click **Auto Provision** under the Settings tab
- 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 T87W, add fields to the **User Agent General Auto Provisioning Template** under **Settings > UAD > Yealink T87W** — or add them directly to a single extension in its **UAD Auto Provisioning Template** section.



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** — 185.87.0.15
- **Registration check** — dial *123
- **Provisioning path** — /prov
- **Recommended protocol** — HTTP