

OVERVIEW & REQUIREMENTS

This guide walks through configuring the **Snom D385** IP phone to register with **the PBX platform 5.3.7** — from installation through manual configuration and auto provisioning (DHCP, TFTP, HTTP).



BEFORE YOU BEGIN

- **Phone model** — Confirm the exact model on the back of the phone
- **Firmware** — Version **10.1.57.14**
- **DHCP** — A fully configured, operational DHCP server
- **PBX version** — Release **5.3.7**

CHECK PHONE FIRMWARE

- 1 Browse to the phone's IP, e.g. `http://192.168.1.22`
- 2 Click **System Information** in the left navigation menu
- 3 The firmware version is displayed on that page

FIND PHONE IP ADDRESS

- 1 Press the **Settings** softkey
- 2 Press **6** for **Information**
- 3 Press **2** for **System Info** — the IP is shown at the top

CHECK PBX VERSION

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

```
Edition: Business, Release: 5.3.7 (387597b7),  
Running: 1.8.32.1-gc-b47edc45, Proxy v5.3.7  
(62b7bcd), API: 5
```

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

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

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

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 **Advanced** in the left navigation menu
- 3 Click the **Update** tab
- 4 Click **Reset** and confirm with **OK** — the phone resets and reboots
- 5 Allow time for the device to reboot

NOTE: After factory reset, phone language and timezone must be selected before registering.

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

MANUAL CONFIGURATION — UAD SETTINGS

- 1 Browse to the PBX platform, e.g. <http://192.168.1.10>, and log in
- 2 Navigate to **Settings > UAD**
- 3 Click the **Edit** icon for the Snom phone
- 4 Set **Status** = **Active**, **Auto provisioning** = **No**, **DHCP** = **Yes**
- 5 Click **Save**

The screenshot shows the 'UAD settings — manual configuration' page. It includes sections for 'General', 'Network Related', 'Call Properties', and 'Channels'. The 'Status' dropdown is set to 'Active'. The 'Auto provisioning' dropdown is set to 'No'. The 'DHCP' dropdown is set to 'Yes'. The 'Save' button is highlighted with a red box.

UAD settings — manual configuration

MANUAL CONFIGURATION — EXTENSION & REGISTRATION

CREATE THE EXTENSION

- 1 **Extensions** > **Add Extension** > UAD = **Snom D385**,
Location = Local or Remote > **Next step**

REQUIRED EXTENSION FIELDS

- **Name** — e.g. John Smith
- **E-mail** — e.g. john.smith@yourdomain.com

Click **Save**.

Creating the extension

REGISTER THE PHONE

- 1 Browse to the phone's IP, e.g. `http://192.168.1.22`
- 2 Click **Identity 1** in the left navigation menu
- 3 **Identity Active** = **On**
- 4 **Display Name** — the extension name, e.g. John
- 5 **Account** — usually the same as the Authentication Username
- 6 **Password** — the extension Secret, e.g. `_%Z4M3*Ts9y7`
- 7 **Registrar** — PBX hostname or IP, e.g. `voip.yourdomain.com` or `192.168.1.10`
- 8 **Authentication Username** — the Extension number, e.g. 103
- 9 Click **Apply**. Dial ***123** to verify.

AUTO PROVISIONING

1 UAD SETTINGS

- 1 Log in to the PBX platform, navigate to **Settings > UAD**
- 2 Click **Edit** for the Snom phone, set **Status** = **Active**, **Auto provisioning** = **Yes**, **DHCP** = **Yes**, click **Save**

UAD settings — auto provisioning

2 CREATE THE EXTENSION

- 1 **Extensions > Add Extension > UAD = Snom D385**,
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. 000413123456

Click **Save**.

Creating the extension with auto provisioning

3A REGISTER VIA DHCP (OPTION 66)

- 1 Configure your DHCP router to use **option 66**. On first boot or reboot the phone picks up its configuration automatically. Dial ***123** to verify.

3B REGISTER VIA HTTP

HTTP recommended. Set credentials first:

- 1 Browse to the phone's IP, click **Advanced**
- 2 Click the **QoS/Security** tab
- 3 Under **HTTP Client**, enter the auto-provisioning **User** and **Password**, click **Apply**
- 4 Click the **Update** tab
- 5 Enter the server URL (see formats below), click **Apply**
- 6 Click **Reboot > Yes**, wait for update, then enter ****##** to reboot again

HTTP URL FORMAT

NOTE: The letter "d" in snomd385 is case insensitive.

- `http://abc.yourdomain.com/prov/snomd385-{mac}.htm`
- `http://192.168.1.10/prov/snomd385-{mac}.htm`

3C REGISTER VIA TFTP

- 1 In the **Update** tab, enter the TFTP URL (see below), click **Apply**, **Reboot > Yes**, then ****##**

TFTP URL FORMAT

- `tftp://voip.yourdomain.com/snomd385-{mac}.htm`
- `tftp://192.168.1.10/snomd385-{mac}.htm`

VERIFY: Dial ***123** after reboot to confirm registration.