

OVERVIEW & REQUIREMENTS

This guide walks through configuring the **Snom M100** IP phone to register with **the PBX platform v7.4** — from installation through manual configuration and auto provisioning (TFTP, HTTP/HTTPS).



Snom M100 DECT base station

IDENTIFYING YOUR PHONE MODEL

The exact model information is printed on the back of each Snom phone. Models can have significantly different requirements and installation procedures — confirm you have the **M100** 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 1.0.5.7, checked via the phone's web interface
- **DHCP** — A fully configured, operational DHCP server
- **PBX version** — Release 7.4

CHECK PHONE FIRMWARE

- 1 Browse to the phone's IP, e.g. `http://192.168.1.22`
- 2 Log in (factory default: `admin` / `admin`)
- 3 The **Software Version** field displays the phone's firmware

FIND PHONE IP ADDRESS

- 1 On the M10 DECT handset, press the **MENU** key and navigate to **Status**
- 2 Select **Network** > **IPv4** — the **IP Address** field shows the base station's current IP

CHECK PBX VERSION

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

Edition: Multi-Tenant, Release: 7.4 (251dc1c5), Running: 18.15.0-gc-ab72ab93, Proxy v7 (2a5ca81), API: 6

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.

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 **Servicing** in the left navigation menu and go to **Provisioning**
- 3 In the **Reset Configuration** section at the bottom, click **Reset**, then confirm with **OK** — the phone resets and reboots automatically
- 4 Wait for the device to finish rebooting before continuing

MANUAL CONFIGURATION – UAD SETTINGS

- 1 Browse to the PBX 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 Snom M100 UAD is enabled – click the **Edit** icon for the Snom M100
- 4 Set **Status** = `Active` , **Auto provisioning** = `No` , **DHCP** = `Yes`
- 5 Click **Save**

General

Language

greek (GK)

greek (GK)

Country

greek

greek

Internal URL name for this Product

greek (GK)

greek (GK)

Network Related

Transport

UDP

UDP

Encryption

Officer Parameters (256 bit)

Officer Parameters (256 bit)

MD5

Default (none)

Default (none)

Disassembly

Yes

Yes

Shrink ZIP archive

Yes

Yes

Quality level

4000

4000

GUI Properties

Area Color

Arabic (Ar)

Arabic (Ar)

Background Color

10

10

Window Size (Default)

10

10

Changing Size (Default)

10

10

Options

Accounting Limit

2

2

Changing Limit

2

2

Event level

Yes

Yes

Auto Save (Default)

Yes

Yes

Auto Backup (Default)

Yes

Yes

Order

#

Code

Price

1

0.732

100

2

0.733

100

3

0.733

100

4

0.739

100

5

0.740

100

6

0.740

100

7

0.740

100

8

0.740

100

9

0.740

100

10

0.740

100

Auto Processing

Auto processing

Yes

Yes

Auto Processing

Yes

Yes

Printer

Printer Enabled

Yes

Yes

Default Printer

Yes

Yes

Footer

Page 1 of 1

100%

100%

UAD settings – manual configuration

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 = Snom M100, 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**.

The screenshot shows the 'Edit User' interface for a user named 'johndoe'. The 'General' tab is active, displaying fields for 'Extension Number', 'Name', 'Email', 'Department', 'Department Admin', 'File Based Extension', and 'Rating'. The 'Email' field, containing 'john@blue.com', is highlighted with a red rectangle. To the right, the 'Authentication' tab is partially visible, showing fields for 'Username', 'Password', '2FA Expiry Time', '2FA Max Inactivity Time', '2FA 6-Digit', and 'Permissions'. The 'Auto-Approving' checkbox is also visible and highlighted with a red rectangle.

Creating the extension

REGISTER THE PHONE

- 1 Browse to the phone's IP, e.g. `http://192.168.1.22`
- 2 Click **System** in the top menu – under **SIP Account Management**, select **Account 1**
- 3 **Enable Account** – set to **On**
- 4 **Account label / Display Name** – the Extension user name, e.g. John
- 5 **User Identifier / Authentication Name** – the Extension number, e.g. `400103`
- 6 **Authentication Password** – the extension Secret, e.g. `_%Z4M3*Ts9y7` (generated automatically for each new extension)
- 7 **Server Address** – the PBX hostname or IP, e.g. `voip.yourdomain.com` OR `192.168.1.10`
- 8 Click **Save** at the bottom of the page and wait for the device to reboot
- 9 After the reboot, dial `*123` to verify the registration.

AUTO PROVISIONING

1 UAD SETTINGS

- 1 Log in to the PBX platform, navigate to **Settings > UAD**
- 2 Click **Edit** for the Snom M100, set **Status** = **Active**, **Auto provisioning** = **Yes**, **DHCP** = **Yes**, click **Save**

2 CREATE THE EXTENSION

- 1 **Extensions > Add Extension** > **UAD** = Snom M100, **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**.

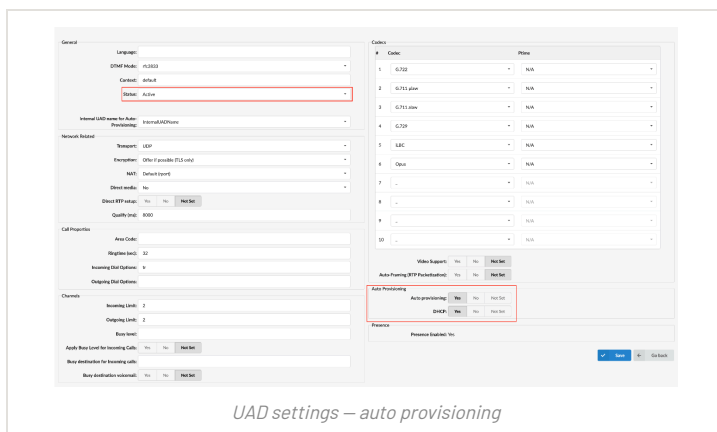
SERVER ADDRESS FORMATS

- **HTTP** — `http://voip.yourdomain.com/prov/snomm100-{mac}.xml`
- **TFTP** — `tftp://voip.yourdomain.com/snomm100-{mac}.xml`

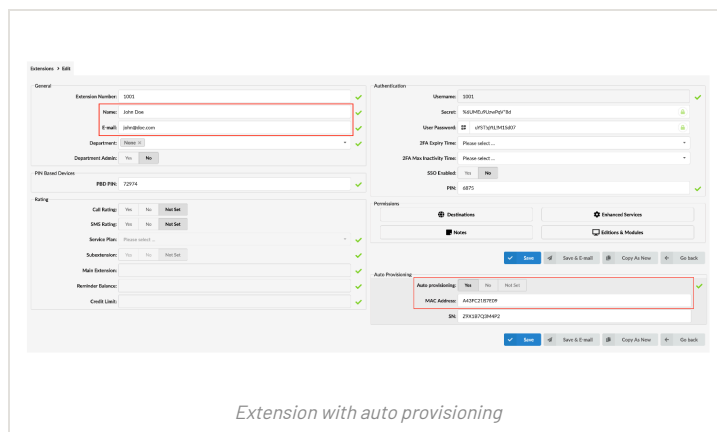
HTTP is the recommended protocol type.

3 REGISTER VIA HTTP OR TFTP

- 1 Browse to the phone's IP and click **Servicing** in the top navigation menu
- 2 In the left menu, select **Provisioning**
- 3 Enter the auto-provisioning credentials into the **Server Authentication Name** and **Server Authentication Password** fields
- 4 Decide on the server type: HTTP or Trivial FTP (HTTP recommended)
- 5 Enter the server address into the **Server URL** field, including protocol prefix and config filename (see formats at left)
- 6 Click **Save**, then open the **Reboot** section in the left menu and click **Reboot** — 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 Snom M100, add fields to the **User Agent General Auto Provisioning Template** under **Settings > UAD > Snom M100** — or add them directly to a single extension in its **UAD Auto Provisioning Template** section.



Snom M100 DECT base station

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** — Admin + phone password
- **Firmware** — 1.0.5.7
- **Registration check** — dial *123
- **Provisioning path** — /prov
- **Recommended protocol** — HTTP