

OVERVIEW & REQUIREMENTS

This guide walks through configuring the **Flyingvoice FIP16 Plus** IP phone to register with **the PBX platform v7.4** – from installation through manual configuration and auto provisioning (TFTP, HTTP/HTTPS).



Flyingvoice FIP16 Plus IP phone

IDENTIFYING YOUR PHONE MODEL

The exact model information is printed on the back of each Flyingvoice phone. Models can have significantly different requirements and installation procedures – confirm you have the **FIP16 Plus** 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 0.2.28, 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 Open the **Status** tab > **Basic** page – **Firmware Version** shows the phone's firmware

FIND PHONE IP ADDRESS

- 1 Press the **Home** button and navigate to **Status**
- 2 The **IPv4** section displays the phone's IP address

CHECK PBX VERSION

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

Edition: Multi-Tenant, Release: 7.4, Running: 18.15.0-gc-ab72ab93, Proxy v7 (1ffd5cf), API: 6

INSTALLATION

CONNECT THE NETWORK AND POWER

- 1 Connect the DC plug on the power adapter to the DC port on the phone, and the other end into an electrical outlet

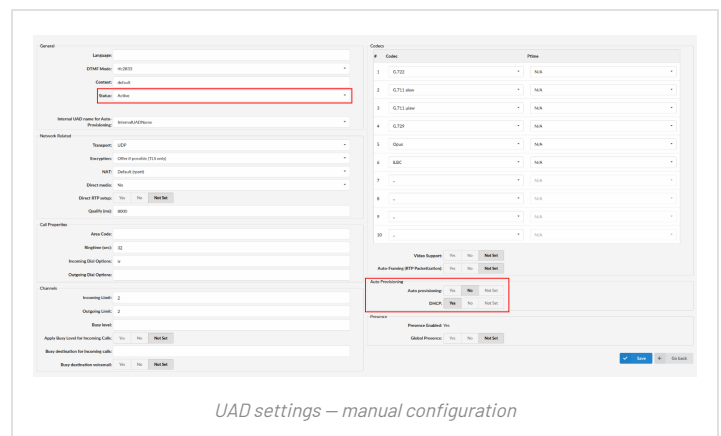
FIND THE PHONE'S IP ADDRESS

- 1 Click the **Home** button on the phone and navigate to **Status**
- 2 The **IPv4** section displays the phone's IP address

NOTE: After the factory reset, the phone displays: "After restoring factory default settings or uploading configuration files, click on REBOOT to ensure they are activated!"

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 Flyingvoice FIP16 Plus UAD is enabled – click the **Edit** icon for the Flyingvoice FIP16 Plus
- 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`, and log in (`admin / admin`)
- 2 Open **Administration > Management** in the top navigation menu
- 3 In the **Factory default** section, click **Factory Default**
- 4 When prompted, click **Reboot** – after the reboot all settings return to the defaults

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

- 9 Click **Save & Apply** at the bottom of the page. Dial ***123** to verify.

Creating the extension

AUTO PROVISIONING

1 UAD SETTINGS

- 1 Log in to the PBX platform, navigate to **Settings > UAD**
- 2 Click **Edit** for the Flyingvoice FIP16 Plus, set **Status** = **Active**, **Auto provisioning** = **Yes**, **DHCP** = **Yes**, click **Save**

2 CREATE THE EXTENSION

- 1 **Extensions > Add Extension** > **UAD** = Flyingvoice FIP16 Plus, **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` or `http://192.168.1.10/prov`
- **HTTPS** — `https://voip.yourdomain.com/prov`
- **TFTP** — `tftp://voip.yourdomain.com` or `tftp://192.168.1.10`

HTTP is the recommended protocol type.

3 REGISTER VIA TFTP, HTTP, OR HTTPS

- 1 Browse to the phone's IP, log in (`admin / admin`) and press **Confirm**
- 2 Open **Administration > Provision** in the top navigation menu
- 3 Enter the auto-provisioning credentials into the **User Name** and **Password** fields
- 4 Choose the server type: HTTP, HTTPS, or Trivial FTP (HTTP recommended)
- 5 Enter the server address into the **Profile Rule** field, including the protocol prefix (see formats at left)
- 6 Click **Save & Apply** at the bottom of the page
- 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 Flyingvoice FIP16 Plus, add fields to the **User Agent General Auto Provisioning Template** under **Settings > UAD > Flyingvoice FIP16 Plus** — 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 **Profile Rule** server address and credentials

FACTORY DEFAULTS AT A GLANCE

- Web login — admin / admin
- Firmware — 0.2.28
- Registration check — dial *123
- Provisioning path — /prov
- Recommended protocol — HTTP