

## INTRODUCTION

This configuration guide explains how to configure the **Flyingvoice P20P** desk phone to register and operate with **Your PBX Platform v7.5.0**. It covers physical installation, manual configuration, and auto provisioning.

**FIRMWARE 0.12.2**

**PBX 7.5.0**

**POE READY**

## REQUIREMENTS

### Identifying the Phone Model

Check the label on the **back of the phone** for the exact model. Different Flyingvoice models can have significantly different requirements and installation procedures — confirm you are working with a **P20P** before proceeding.

### Phone Firmware

- Ensure the phone is loaded with firmware version **0.12.2**.
- To verify, browse to the phone's IP address (example: **http://192.168.1.22**) and log in. Factory defaults — username: **admin**, password: **admin**.
- Click the **Status** tab in the top navigation menu and go to the **Basic** page — **Firmware Version** displays the phone's firmware version.



### DHCP Server

A fully configured and operational DHCP server is required on the network.

### PBX Version

Your PBX Platform version **7.5.0**. To verify the version:

- Log in to the PBX web administration interface.
- Navigate to **Settings > About**.
- The **Release** value on the About page denotes the current PBX version.

## INSTALLATION

This section describes how to connect the phone to power and the data network, and how to restore factory settings.

### Power Adapter

- Connect the DC plug on the power adapter to the DC port on the phone, then plug the adapter into an electrical outlet.
- Connect an Ethernet cable between the **Internet** port on the phone and a network port on your router or switch.

### Power over Ethernet (PoE)

- Using a standard Ethernet cable, the phone can be powered directly from a PoE-compliant router or switch — connect the cable between the phone's **Internet** port and an available in-line power port.

**NOTE:** When using PoE, the AC adapter is not required. Verify that the Ethernet cable and the router/switch are PoE compliant.

### Find the Phone's IP Address

- Press the **Menu** button on the phone and navigate to **My Status**.
- The phone's IP address is displayed in the **IPv4** field.

### Reset to Factory Settings

Not required for brand-new phones — **mandatory** for any previously used phone.

- Browse to the phone IP address and log in (factory defaults: **admin / admin**).
- Click the **Administration** tab in the top navigation menu and go to the **Management** page.
- Go to the **Factory default** section and click the **Factory Default** button.
- A notification appears: "After restoring factory default settings or uploading configuration files, click on **REBOOT** to ensure they are activated!" — click the **Reboot** button.
- After the reboot, all settings are restored to defaults.

**NOTE:** Do not unplug or remove power from the device while the factory reset process is in progress.

## MANUAL CONFIGURATION

### UAD Settings

- Browse to the PBX IP address (example: **http://192.168.1.10**) and log in with your e-mail address and password.
- Navigate to **Settings > UAD** and confirm the Flyingvoice P20P UAD is enabled — click the **Edit** icon for the Flyingvoice phone to check.
- Set **Status = Active**, **Auto provisioning = No**, **DHCP = Yes**, then click **Save**.

### Creating an Extension

- Navigate to **Extensions** and click **Add Extension**.
- Select the Flyingvoice phone model from the **UAD** select box.
- Select Location: **Local** (extensions registered on the LAN) or **Remote** (extensions registered from remote networks, WAN, Internet, etc.), then click **Next step**.

#### REQUIRED FIELDS

##### Name

Name for the new extension. Example: **John Smith**

##### E-mail

Address that receives all system notifications for this extension. Example: **john.smith@yourdomain.com**

##### Department

Department the extension belongs to. Example: **Sales**

## REGISTERING THE PHONE — HOSTNAME OR IP ADDRESS

- Browse to the phone IP address (example: **http://192.168.1.22**) and log in (factory defaults: **admin / admin**).
- Click **SIP Account > Line 1** and enter the following details.

### REQUIRED FIELDS

**Line Enable**

Set the enable option.

**Display Name**

PBX extension user name. Example: **John**

**Account**

PBX extension number. Example: **1003**

**Phone Number**

Same number as the **Account**.

**Password**

The Secret of the extension, as received in the e-mail associated with the extension. Example: **\_%Z4M3\*Ts9y7**.  
A password is generated automatically for each newly created extension.

**Proxy Server**

Hostname or IP address of the PBX. Example: **pbx.yourdomain.com** or **192.168.1.10**

Click the **Save & Apply** button at the bottom of the page.

**VERIFY:** If everything is configured as described, the phone is now registered. Dial **\*123** to verify registration.

## UAD Settings

| General                                                          |  | Coders                                                                                                           |                    |
|------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------|--------------------|
| <b>Language:</b>                                                 |  | <b>#</b>                                                                                                         | <b>Code:</b>       |
| <b>ETW Mode:</b> v2(32) ▾                                        |  | 1                                                                                                                | 6722 ▾ N/A ▾       |
| <b>Context:</b> jvarkit ▾                                        |  | 2                                                                                                                | 6711 alive ▾ N/A ▾ |
| <b>Status:</b> Active ▾                                          |  | 3                                                                                                                | 6711 alive ▾ N/A ▾ |
| <b>Internal GMD name for Auto Provisioning:</b> flyingswingGdp ▾ |  | 4                                                                                                                | 6729 ▾ N/A ▾       |
| <b>Network Related</b>                                           |  | 5                                                                                                                | Qbus ▾ N/A ▾       |
| <b>Transport:</b> UDP ▾                                          |  | 6                                                                                                                | 6BC ▾ N/A ▾        |
| <b>Encryption:</b> Other if possible (TLS-v1.0) ▾                |  | 7                                                                                                                | = ▾ N/A ▾          |
| <b>NAT:</b> Default (Open) ▾                                     |  | 8                                                                                                                | = ▾ N/A ▾          |
| <b>Direct media:</b> No ▾                                        |  | 9                                                                                                                | = ▾ N/A ▾          |
| <b>Direct RTP setup:</b> Yes No <b>Not Set</b>                   |  | 10                                                                                                               | = ▾ N/A ▾          |
| <b>Quality (ms):</b> 8000 ▾                                      |  |                                                                                                                  |                    |
| <b>Call Properties</b>                                           |  | <b>Video Support:</b> Yes No <b>Not Set</b><br><b>Auto-Forwarding (RTP Packetization):</b> Yes No <b>Not Set</b> |                    |
| <b>Area Code:</b>                                                |  | <b>Auto Provisioning</b>                                                                                         |                    |
| <b>Ringtime (sec):</b> 32 ▾                                      |  | <b>Auto-provisioning:</b> Yes No <b>Not Set</b>                                                                  |                    |
| <b>Incoming Call Options:</b> sr ▾                               |  | <b>SMECP:</b> Yes No <b>Not Set</b>                                                                              |                    |
| <b>Outgoing Call Options:</b>                                    |  |                                                                                                                  |                    |
| <b>Channels</b>                                                  |  |                                                                                                                  |                    |
| <b>Incoming Lines:</b> 3 ▾                                       |  |                                                                                                                  |                    |
| <b>Outgoing Lines:</b> 0 ▾                                       |  |                                                                                                                  |                    |

- ## Creating an Extension

**Extensions** / Add [Show Advanced Options](#)

**General**

Extension Number: 107 ✓

Name: John Smith ✓

Email: john.smith@globalcorp.com ✓

Department: Sales ✓

**Auto Provisioning**

Auto provisioning: No ✓ No Set ✓

MFAc Address: 000011040740 ✓

**Authentication**

Username: 200107 ✓

Secret: AS2Nw\_3k4sLg3uEY ✓

User Password: a99wH7qgLRDQ77N ✓

PIN: 49164 ✓

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- ## REQUIRED FIELDS

Example: **John Smith**

Receives all system notifications. Example: **john.smith@yourdomain.com**

Set to **Yes**.

Flyingvoice phone MAC address, found on the back of the phone. Example: **001565FF1536**

Click **Save** when finished.



## REGISTERING THE PHONE — HTTP, HTTPS OR TFTP

- Browse to the phone IP address (e.g. **http://192.168.1.22**), enter the username and password (factory defaults: **admin / admin**), and press **Confirm**.
- Click the **Administration** tab in the top navigation menu and go to the **Provision** page.
- Enter your Auto Provisioning username and password into the **User Name** and **Password** fields.
- Choose the server type you intend to use: **HTTP**, **HTTPS**, or **Trivial FTP**.

**NOTE:** HTTP is the recommended method.

### HTTP / HTTPS — Profile Rule field

Enter **http://** or **https://** followed by the hostname or IP address, followed by **/prov**.

HTTP examples: **http://pbx.yourdomain.com/prov** · **http://192.168.1.10/prov**

HTTPS examples: **https://pbx.yourdomain.com/prov** · **https://192.168.1.10/prov**

### TFTP — Profile Rule field

Enter **tftp://** followed by the hostname or IP address.

Hostname example: **tftp://pbx.yourdomain.com**

IP address example: **tftp://192.168.1.10**

- Click the **Save & Apply** button at the bottom of the page.
- Wait a few seconds for the configuration to update.

**NOTE:** Do not power off the phone during this process. Auto provisioning starts during the phone's reboot — the phone picks up its configuration file from the PBX. Dial **\*123** to verify registration.

**NOTE:** The phone's display may not update even after the configuration has been successfully downloaded and applied. To ensure changes appear on the display, an additional reboot of the phone may be required.

## ADDITIONAL CONFIGURATION TEMPLATE

To include additional UAD configuration for the Flyingvoice P20P, add fields to the **User Agent General Auto Provisioning Template** in **Settings > UAD > Flyingvoice P20P**, or add them directly to the extension in the **UAD Auto Provisioning Template** section.