

FLYINGVOICE

FlyingVoice

VoIP & Networking Made Easy



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Catalog

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Overview**

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Platform**



Chapter 1

Product line Introduction



01



IP Phone Overview

FLYINGVOICE

P2X Series

NEW



P23G /P23GW



P22G



P22P



P21 /P21P



P20 /P20P /P20G

P1X Series

NEW



P11 /P11P /P11G /P11W



P10 /P10P /P10G /P10W

FIP1X Series



FIP15G Plus



FIP16 Plus



FIP12WP



FIP12WP-R

Classic Product



FIP14G



FIP13G



FIP11C /FIP11CP



FIP10 /FIP10P

P1X Series IP Phone



P10/P10P/P10G
Entry-level IP Phone
2.3-inch B/W screen, 132*64
PoE/Gigabit Optional



P11/P11P/P11G
Entry-level IP Phone
2.4-inch Color screen,
132*64
PoE/Gigabit Optional



P10W
Dual-band Wireless Entry-level
IP Phone
2.3-inch B/W screen,
132*64
2.4&5G Wi-Fi



P11W
Dual-band Wireless Entry-level
IP Phone
2.4-inch color screen,
132*64
2.4&5G Wi-Fi

P2X Series IP Phone



P23GW/P23G
Feature-rich Business IP Phone
3.5-inch color screen,
480*320
2.4 & 5G Wi-Fi
Gigabit Ethernet



P23G
2.8-inch color screen,
320*240
2.4 G Wi-Fi
Gigabit Ethernet



P22G
Wide-screen Business IP Phone
3.5-inch B/W screen, 384*160
2.4G Wi-Fi
Gigabit Ethernet



P22P
Wide-screen Business IP Phone
3.8-inch B/W screen, 384*106
2.4Ghz Wi-Fi
Gigabit Ethernet



P21/P21P
Wide-screen Business IP Phone
2.4-inch color screen
2.4G Wi-Fi
PoE optional



P20/P20P/P20G
Wide-screen Business IP Phone
2.3-inch B/W screen
2.4G Wi-Fi
PoE/Gigabit Optional

FIP1X Series IP Phone



FIP15G Plus
Elite Touch Screen IP Phone
4.3-inch touch screen
2.4 & 5GHz Wi-Fi
Gigabit Ethernet
Bluetooth 4.2



FIP12WP
Big Button Phone for Seniors
3.5" inch B/W screen, 192*64
2.4G Wi-Fi



FIP12WP-R
Special Red Phone
3.5" inch B/W screen, 192*64
2.4G Wi-Fi



FIP16Plus
Cordless IP Phone with Belt Clip
1.8-inch screen, 128*160
2.4&5G Wi-Fi

LTE Phone



P10LTE

Entry-level Office IP Phone
2.3-inch B/W screen,
132*64
4G LTE



P11LTE

Entry-level Office IP Phone
2.4-inch color screen,
132*64
4G LTE

Legacy Products



FIP13G (Upgrade to P23G)

2.8" inch color screen, 320*240
2.4G Wi-Fi
Gigabit Ethernet, PoE



FIP11C/CP (Upgrade to P21)

2.4" inch color screen, 320*240
2.4G Wi-Fi
100M Ethernet, PoE optional



FIP14G (Upgrade to P23GW)

3.5" inch color screen, 480*320
2.4G Wi-Fi
Gigabit Ethernet, PoE



FIP10/10P (Upgrade to P20)

B/W screen, 128*64
Not support Wi-Fi
100M Ethernet, PoE optional



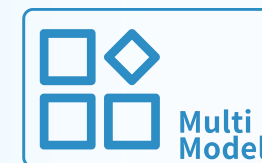
P1X Series

Cost-effective

P1X series has a total of **10 models**.

It can be quickly differentiated by the screen sizes, 2.3-inch black and white screen, 2.4-inch LCD color screen.

The second distinction is based on the customer's network environment to distinguish between, such as **POE** power supply environment, **Gigabit** network environment, **WiFi** environment and **LTE** environment.



Explore P1X Series Overview

Entry-level



P11/P11P/P11G
Entry-level IP Phone
2.4-inch Color screen,
240*320
PoE/Gigabit Optional



P10/P10P/P10G
Entry-level IP Phone
2.3-inch B/W screen, 132*64
PoE/Gigabit Optional



P11W
Entry-level Business IP Phone
2.4-inch color screen, 240*320
2.4&5G Wi-Fi



P10W
Entry-level Business IP Phone
2.3-inch B/W screen, 132*64
2.4&5G Wi-Fi

LTE IP Phone



P11LTE
Entry-level Business IP Phone
2.4-inch color screen, 240*320
4G LTE



P10LTE
Entry-level Business IP Phone
2.3-inch B/W screen, 132*64
4G LTE

[illegible]

Explore P1X Feature



Dual SIP line

Default support 2 SIP lines



Various Models

Gigabit/Wi-Fi/4G LTE models are available to meet your needs in different scenarios.



Unified Firmware

One software version for this series of models



P10LTE/P11LTE

Entry-level office LTE phone

- 2.3" B/W Screen/2.4" Color Screen
- 2 SIP account
- 2 x 10/100Mbps Ethernet Ports, PoE
- 1 x SIMcard slot (supportLTEnetwork)
- HD Voice, Opus
- 6-Way audio conference
- Support RJ9 headset
- Wall mountable



The LTE Phone integrates LTECat1 module and can be plugged into a SIM card, making networking more convenient. Its data transmission rate can reach up to **5Mb/s** uplink and **10Mb/s** downlink, making it easy to cope with all kinds of network-less environments.



P11LTE



P10LTE



Core Parameters

- Function status indicator
- 7-level brightness backlight
- 2000 local contact information
- Unified firmware (apart from P1XW)
- Auto-deployment platform (FACS、FRPS、FDC)



Star Product

P2X Phone

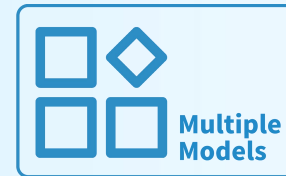
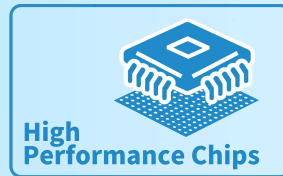
Feature-Rich

P2X series is positioned as Flying Voice's enterprise-class Wi-Fi office phone

The P2X series has **9 models** with high-performance chips to meet the office needs of mid range enterprises and adapt to a fuller range of application scenarios.

Support more hardware and software features:

5G Wi-Fi, USB expansion (U disk recording, Bluetooth adapter, EHS10 adapter), RJ9 in-line headset, voice performance optimization, etc.



P2X Series IP Phone Overview



P21/P21P

Wide-screen Business IP Phone
2.4-inch color screen
2.4G Wi-Fi
PoE optional



P22P

Wide-screen Business IP Phone
3.8-inch B/W screen, 384*106
2.4Ghz Wi-Fi
Gigabit Ethernet



P23G

2.8-inch color screen, 320*240
2.4 G Wi-Fi
Gigabit Ethernet



P20/P20P/P20G

Wide-screen Business IP Phone
2.3-inch B/W screen
2.4G Wi-Fi
PoE/Gigabit Optional



P22G

Wide-screen Business IP Phone
3.5-inch B/W screen, 384*160
2.4G Wi-Fi
Gigabit Ethernet



P23GW

Feature-rich Business IP Phone
3.5-inch color screen, 480*320
2.4 & 5G Wi-Fi
Gigabit Ethernet

Feature Rich										
	Function / Model	P20	P20P	P20G	P21	P21P	P22P	P22G	P23G	P23GW
Installation Requirement	DC Power Supply	√	√	√	√	√	√	√	√	√
	POE Power Supply		√	√		√	√	√	√	√
	100Mbps	√	√		√	√	√			
	1000Mbps			√				√	√	√
	Wired Access	√	√	√	√	√	√	√	√	√
	Single-Band Wi-Fi	√	√	√	√	√	√	√	√	
	Dual-Band Wi-Fi	√ (External 5G dongle)	√ (External 5G dongle)	√ (External 5G dongle)	√ (External 5G dongle)	√ (External 5G dongle)	√ (External 5G dongle)	√ (External 5G dongle)	√ (External 5G dongle)	√
Business Requirement	Local USB Recording (Phone+USB)	√	√	√	√	√	√	√	√	√
	IPPBX Recording	√	√	√	√	√	√	√	√	√
	Multiple DSS Key	√ (2)	√ (2)	√ (2)	√ (9)	√ (9)			√ (21)	√ (21)
	External Expansion Module(Phone+P2EXP)	√ (MAX218)	√ (MAX218)	√ (MAX218)	√ (MAX225)	√ (MAX225)	√ (MAX216)	√ (MAX216)	√ (MAX237)	√ (MAX237)
	Headset Support	√	√	√	√	√	√	√	√	√
	Wireless Headset(Phone+EHS10/BT50)	√	√	√	√	√	√	√	√	√
	Hidden Button (Phone+PB01)	√	√	√	√	√	√	√	√	√
	WiFi to LAN	√	√	√	√	√	√	√	√	√
	AP	√	√	√	√	√	√	√	√	√
	DTMF/Action url	√	√	√	√	√	√	√	√	√
	Backlight Adjustment	√	√	√	√	√	√	√	√	√
Other Requirement	Color Screen				√	√			√	√
	B/W Screen	√	√	√			√	√		
Usage Habit	Wide-Screen						√	√		
Management Requirement	Standard-Entry Phone	√	√	√	√	√				
	Standard High-end Phone						√	√	√	√

P22P/G

Business widescreen IP phone

- 3.8/3.5" B/W Screen
- 2 SIP Lines
- Built in 2.4GHz Wi-Fi
- 2 x 10/100/1000Mbps Ethernet Ports, PoE
- USB2.0 Ports, Support USB Disks for Call Recording, or EHS10 Headset Adapter for DECT Wireless Headsets
- BT4.2, Support Bluetooth Wireless Headset
- 3.5mm Earphone Jack
- Longer text display



P22P

3.8-inch, 384*106px

P22G

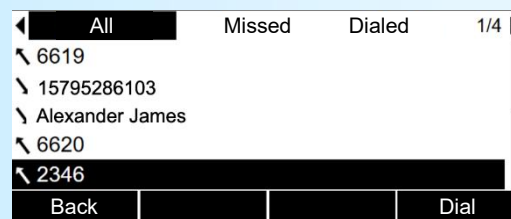
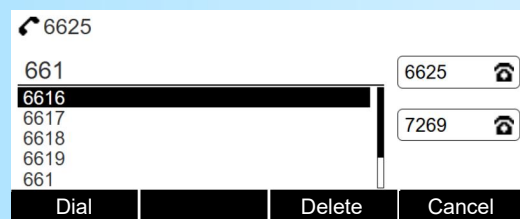
3.5-inch, 384*160px

P2X Series Special Model



Longer text display

Wide-screen model phone, can display more text content, to meet the different regional languages



Phone interface



P22P
3.8-inch, 384*106px

P22G
3.5-inch, 384*160px

P21/P21P

Color Screen Business IP Phone

- 2.4" 320×240px backlight color screen
- 4 SIP accounts
- Built-in 2.4G Hz Wi-Fi
- Support Opus codec
- 2 x 10/100M Ethernet ports
- USB 2.0 port for USB recording
- Support PoE (P21P only)
- Dect headset, RJ9 headset
- 6-way Conference
- 6 speed dial M keys (M1-M6)
- Stand with adjustable angles
- Wall mountable



More Key Extensions



Support Expansion Module

- Providing 24 multi-function keys (3 pages, 72 DSS key)
- support up to 3 modules connections (Up to 216 DSS key)
- Support red and green dual-color LED with adjustment



M1~M6 keys, Designed for Speed Dials

Flyingvoice IP Phones are designed with M1~M6 speed dial keys for customized shortcut.



**P22G/P23GW + P2EXP (Expansion Module)*

Rich Accessories



Powerful Peripheral Compatibility

Built-in USB 2.0 for USB recording, support Bluetooth dongle, DECT headset adapter, USB headset and 5G Wi-Fi dongle.



RJ9 Wire-controlled headset

Support HP200 wire-controlled headset with answer/hang up/mute/volume +— function. (Exclusive to P2X)



Accessories Gear



BT50
Bluetooth adapter



EHS 10
DECT headset adapter



HP200
RJ9 wire-controlled headset



USB flash drive



5G Wi-Fi dongle



Special Wi-Fi Function



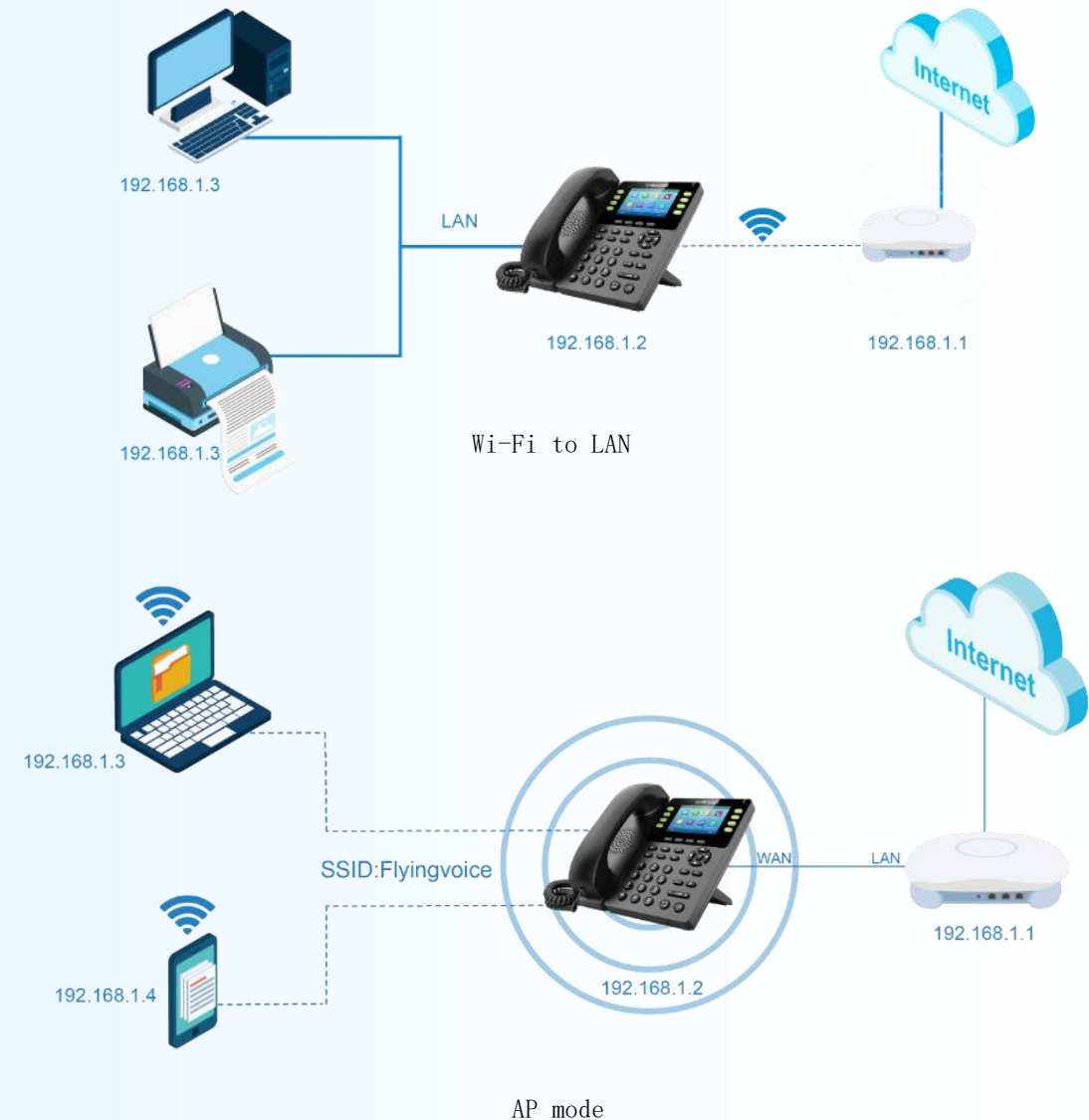
Built-in 2.4Hz Wi-Fi Function

Equipped with 2.4G Wi-Fi, use Wi-Fi networking, more flexible office, away from wired troubles.



Support AP mode, Wi-Fi to LAN

AP function to use your phone as an access point. Also supports Wi-Fi to LAN function for stable wired transmission.



Conforms to Voice Quality Standard



High-Definition Voice

Support G.722, Opus voice codec.



ETSI Voice Compliant

Flyingvoice all phones have passed the ETSI (European Telecommunications Standards Institute) certification to provide call security.

HD Voice



P1X & P2X Featured Functions

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7-level backlight adjustment

Supporting 7 brightness levels, the phone screen supports dimming to help you rest at night.

Screen settings:

1. Support turn off the backlight completely, turn off the backlight regularly
2. Support 7 levels of brightness adjustment
3. Selectable: always on, 15 seconds, 30 seconds, 1 minute, 2 minutes, 5 minutes, 10 minutes, 30 minutes



P1X & P2X Featured Functions

FLYINGVOICE

7-level brightness backlight



Backlight		
1. Backlight Time	Always On	◀▶
2. Active Level	7	◀▶
3. Inactive Level	1	◀▶
Back	Switch	OK

Setting route:

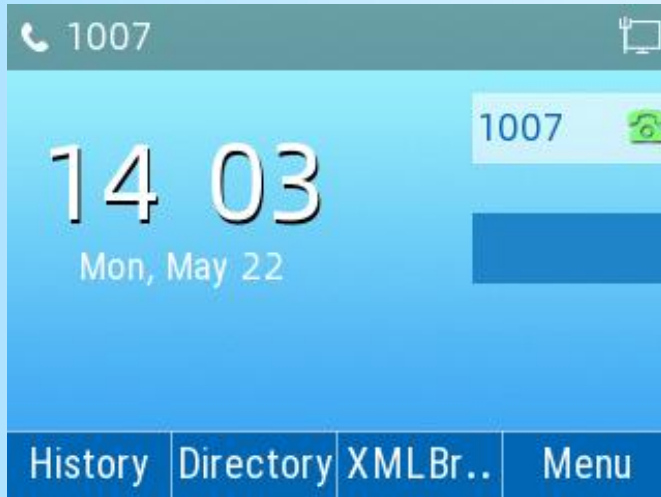
Menu->Basic Setting->Display->Back Light

Setting description:

Set backlight activation time, Backlight brightness, Backlight power saving mode



Suitable for hotel rooms, home interior and other scenes



XML Browser

- Set DSS Key, Access custom XML files
- Customize the actual application
 - Remote address book, etc
 - View stock information, news information, etc.
- Support XML method
 - TextMenu Object
 - InputScreen Object
 - Directory Object



Remote Text Information

- Customize the URL text information of the server
- LCD display corresponding text information

Application Scenario

- Weather information
- Notebook
- Notification for meeting, etc



Core Parameters networking

- Dual-color account key
- 7-level brightness backlight
- Built-in Wi-Fi, wireless networking
- USB port, external USB flash drive, Bluetooth Adapter, EHS10 Adapter
- AP Function
- Wi-Fi to LAN
- 2000 local contact information
- Unified Firmware
- Automatic Deployment Platform (FACS, FRPS, FDC)
- Passed ETSI audio standard test



FIP1X Series

Classic



FIP1X IP Phone Series

Standard Level



FIP15G Plus
Elite Touch Screen IP Phone
4.3-inch touch screen
2.4 & 5GHz Wi-Fi
Gigabit Ethernet, PoE
Bluetooth 4.2

Special



FIP12WP
Big Button Phone for Seniors
3.5" inch B/W screen, 192*64
2.4G Wi-Fi
PoE



FIP12WP-RED
Special Red Phone
3.5" inch B/W screen, 192*64
2.4G Wi-Fi
PoE

Cordless



FIP16Plus
Cordless IP Phone with Belt Clip
1.8-inch screen, 128*160
2.4&5G Wi-Fi

Legacy Products



FIP13G (Upgrade to P23G)

2.8" inch color screen, 320*240
2.4G Wi-Fi
Gigabit Ethernet, PoE



FIP11C/CP (Upgrade to P21)

2.4" inch color screen, 320*240
2.4G Wi-Fi
100M Ethernet, PoE optional



FIP14G (Upgrade to P23GW)

3.5" inch color screen, 480*320
2.4G Wi-Fi
Gigabit Ethernet, PoE



FIP10/10P (Upgrade to P20)

B/W screen, 128*64
Not support Wi-Fi
100M Ethernet, PoE optional

Product Line	FIP1X Series IP Phone						
	Function	Model	FIP15GPlus	FIP16Plus	FIP12WP	FIP12WP-Home	FIP12WP-R
	Installation Requirement	DC Power Supply	√	√	√	√	√
		POE Power Supply	√		√	√	√
		100Mbps			√	√	√
		1000Mbps	√				
		Wired Access	√		√	√	√
		Single-Band Wi-Fi			√	√	√
		Dual-Band Wi-Fi	√	√	√ (External 5G dongle)	√ (External 5G dongle)	√ (External 5G dongle)
	Business Requirement	Local USB Recording (Phone+USB)	√		√	√	√
		IPPBX Recording	√	√	√	√	√
		Wi-Fi Roaming with Built-in Battery		√			
		Video Phone	√				
		Multiple DSS Key	√ (91)				
		External Expansion Module(Phone+P2EXP)	√ (MAX307)				
		Headset Support	√	√	√	√	√
		Wireless Headset(Phone+EHS10/BT50)	√				
		Hidden Button (Phone+PB01)	√		√	√	√
		Large button phones with customizable avatar				√	
		WiFi to LAN			√	√	√
		AP			√	√	√
		Red Phone					√
		DTMF/Action URL	√	√	√	√	√
		Backlight Adjustment	√	√	√	√	√
Other Requirement		Color Screen	√	√			
		B/W Screen			√	√	√
		Acoustic Shield	√				
Usage Habit	Touch-Screen	√					
Management Requirement	Standard High-end Phone		√	√	√	√	
	Flagship Phone	√					

FIP15G Plus

Elite Touch Screen IP Phone

- 4.3" 480x272px IPS Touch Screen
- 10 SIP Lines, 27+64 DSS Keys
- 2 x 10/100/1000Mbps Ethernet Ports, PoE
- 2.4GHz&5GHz Wi-Fi
- 2 x USB2.0 Ports, Support USB Disks for Call Recording, or EHS10 Headset Adapter for DECT Wireless Headsets
- BT4.2, Support Bluetooth Wireless Headset
- Support H.264 Video Decoder, 480P Resolution



Big Touch Panel for Clearer Video Call

FIP15G Plus



4.3-inch touch panel

Adopts 4.3" 480*272 touch panel, the operator of the phone is intuitive and convenient.



H.264 decoder

Supports H.264 decoder for video calls with i86V/i11V intercom, which greatly improves call efficiency.

Elegant Touchable Screen



Touch Screen Use



Video
Call

Dual USB Port for more application

FIP15G Plus



USB flash drive recording

Supports recording call audio files via USB flash drive to prevent loss of important data.



External Expansion Module

Support external multi-function expansion board via USB , provide speed dialing, BLF and other functions, convenient for you to handle incoming calls easily.



FIP12WP (RED)

Customized Big Button IP Phone for Seniors/Special Red Phone

- 3.5" 192x64-Pixel B/W LCD Screen
- 2 SIP Accounts
- 2 x 10/100Mbps Ethernet Ports
- Integrated 2.4GHz Wi-Fi, PoE
- Buttons Are Twice As Big As The Normal Size
- HD Voice, 3-Way Audio Conference
- HELP Button, Make An Emergency Call with Just One Click



FIP12WP

Senior Phone



FIP12WP-RED

Alarm Phone

More user-friendly call design

FIP12WP



Big button design

2 times larger than the usual buttons, more convenient for the elderly to use.



Wireless SOS button call

With the wireless SOS pager, patients call nurses at the touch of a button.



FIP16Plus

Portable Dual-Band IP Phone with Belt Clip

- 1.8" 128x160px TN Color Screen
- 2 SIP Lines
- 2.4GHz & 5GHz Wi-Fi
- BT4.2, Support Bluetooth Wireless Headset
- Support IEEE802.11k/r Fast Roaming
- 3.5mm Earphone Jack
- 4000mA Battery, 12 Hours Talk Time, 120 Hours Standby Time
- IP52 Protection Level
- Support Clip, Handheld and Desktop Placement





Chapter 2

Special Product



02



FIP15G Plus

Elite Touch Screen
IP Phone



FIP12WP

Customized Big
Button IP Phone for
Seniors/Special
Red Phone



FIP16Plus

Portable Dual-
Band IP Phone
with Belt Clip



P22P/G

Business
widescreen IP
phone



P21/P21P

Color screen Business
IP phone



P1XLTE

Entry-level office LTE
phone



Chapter 3

Accessories Overview



03

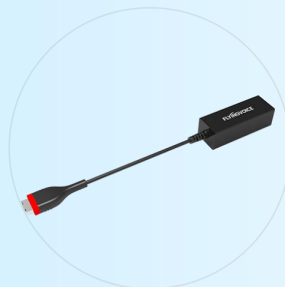
To enhance user communication efficiency in office environments, Flyingvoice offers a wide range of accessories, including wired headsets, headset adapters, Bluetooth adapters, and expansion modules, suitable for various application scenarios.

**HP200**

RJ9 Wire-controlled headset

**BT50**

Bluetooth adapter

**EHS10**

DECT headset adapter

**P2EXP**

Expansion Module

**PB01**

USB Emergency Call Button

**HB01**

Wireless Emergency Call Button



HP200

Wire-controlled Headphones

- RJ9 headset port for P2X Series
- Answer/hang up
- volume control
- Mute/ Unmute



BT50

Bluetooth Adapter

- Bluetooth 5.2
- Plug and play, drive-free
- Support Answer/hand up the phone via Bluetooth headset



EHS 10

Wireless headset adapter

- Support EHS wireless headset
- Plug and play



P2EXP

Dual Color-screen Expansion Module

- Compatible with P2X, FIP15G Plus
- Dual 2.8-inch color screen
- UP to 216 Multi-Function Keys with LED
- Up to 3 module connections
- LED brightness adjustment



HB01 & USB433

Wireless Emergency Button Kit

- One-Click Speed Dial
- On-the-go Strap Design
- Colorful Indicator light
- Suitable for Nursing home, hospitals



PB01

USB Emergency Button

- One-press Emergency Silent Calling
- Compatible with Flyingvoice P2X IP Phone
- Plug-and-play
- Suitable for bank counters, financial centers, station customer



Chapter 4

Management Platform



04

Management Tool-Introduction

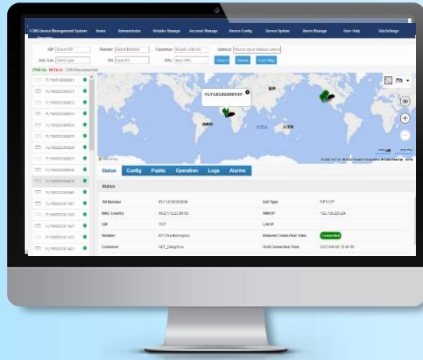
Flyingvoice Management Tool, including

- FRPS redirection server
- FACS cloud network management platform
- FDC local management tool.



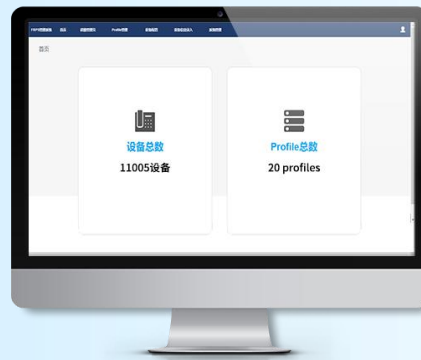
It is free to open by default for Flyingvoice partners, meeting the batch deployment and maintenance management of local/remote devices, greatly improving the efficiency of collaboration and providing efficient service support.





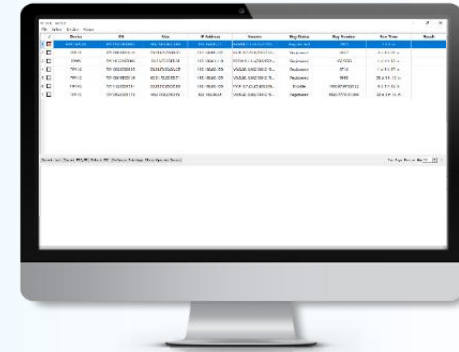
FACS

Provide customers with cloud-based unified management of equipment, remote maintenance, provision and other services.



FRPS

Provide redirection services for customers' third-party management platforms.



FDC

Local software-based of the device management and batch deployment tool.

Flyingvoice Auto-Configuration System (FACS)

The FACS provides a centralized interface for channel partners and multi-businesses to monitor, manage and provision large-scale deployments of Flyingvoice devices.



FACS Platform Overview

Cloud-based Service

No setup required.
Accessible anytime and anywhere.

Provision & Configure

Batch provision & configure up to
50,000 devices remotely.

Real-time Monitor

Monitor account registration and
running status of devices in real
time.



Multilayer of Management

Clearly defined roles.
Structure can easily be scaled.

Reduce Maintain Cost

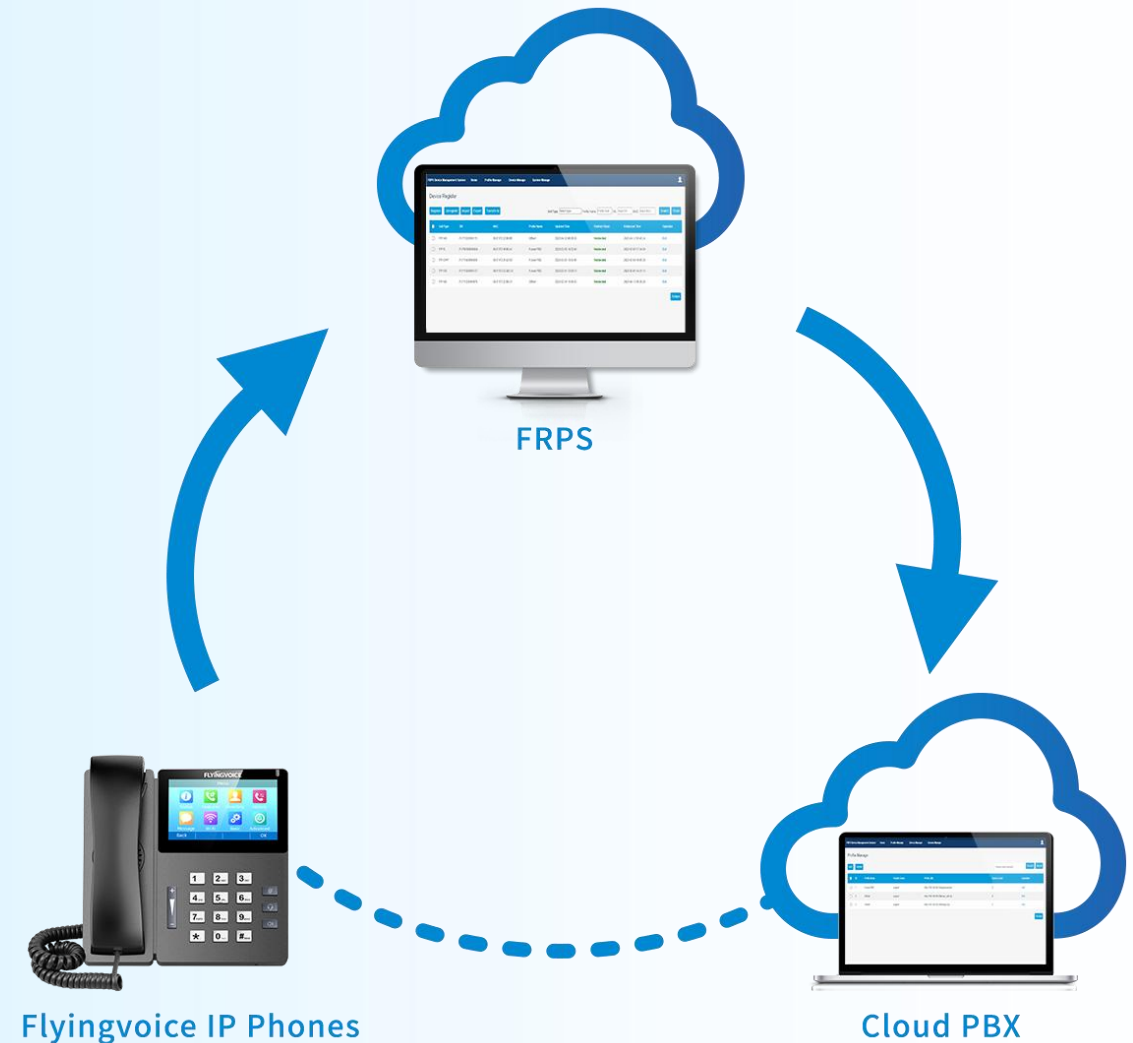
Don't need an in-house IT staff when
the system requires upgrade.

Increase Productivity

Spend less time deploying devices and
more time working on new initiatives.

Flyingvoice Redirect Provisioning System (FRPS)

The FRPS offers free service for all Flyingvoice users. It allows them to manage Flyingvoice devices with their own cloud management platforms or cloud PBXs.





Flyingvoice FDC Local Management Software

Flyingvoice Device Config (FDC) is a software used for centralized configuration and management of Flyingvoice IP phones in the local area network.

It can read/modify device parameters, upload phone book, upgrade, restart and etc. With FDC, you can manage VoIP phones more conveniently and quickly from PC.

Thanks!

Flyingvoice

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