FlyingVoice

VoIP & Networking Made Easy

Catalog

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Chapter 1

Product line
Introduction

01

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

FLYINGVOICE

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.

Entry-Level

Multi Model

Cost-Effective
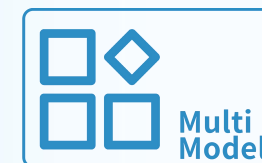
Explore P1X Series Overview

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

Entry Level IP Phone

Function	Model	P10	P10P	P10W	P10G	P10LTE	P11	P11P	P11W	P11G	P11LTE
Installation Requirement	DC Power Supply	√	√	√	√	√	√	√	√	√	√
	POE Power Supply		√		√			√		√	
	1000Mbps				√					√	
	100Mbps	√	√	√		√	√	√	√		√
	Wired Access	√	√	√	√	√	√	√	√	√	√
	Dual-Band Wi-Fi			√					√		
	LTE Access					√					√
Business Requirement	WiFi to LAN			√					√		
	AP Mode			√					√		
	IPPBX Recording	√	√	√	√	√	√	√	√	√	√
	Headset Support	√	√	√	√	√	√	√	√	√	√
	DTMF/Action URL	√	√	√	√	√	√	√	√	√	√
	Backlight Adjustment	√	√	√	√	√	√	√	√	√	√
Other Requirement	Color Screen						√	√	√	√	√
	B/W Screen	√	√	√	√	√					
Management Requirement	Entry-Level	√	√	√	√	√	√	√	√	√	√

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

SIM Card slot

2.4-inch screen

Wheel direction keys

Wi-Fi/ Gigabit/LTE optional

Wall-mountable stand

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

SIM Card slot

2.4-inch screen

Wheel direction keys

Wi-Fi/ Gigabit/LTE optional

Wall-mountable stand

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The LTE Phone intergrates 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

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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

IP Telephony

IP Telephony

08

FLYINGVOICE

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.

Enterprise Office Use

High Performance Chips

NEW
New iteration

Multiple Models
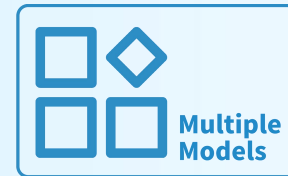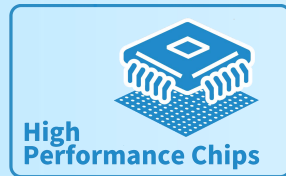
P2X Series IP Phone Overview

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

	Model / Function	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

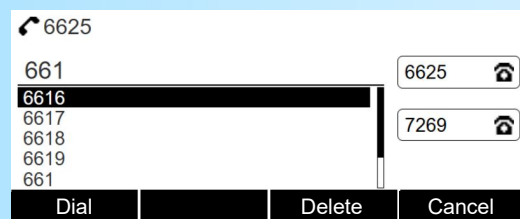- Longer text display

P22P
3.8-inch, 384*106px

P22G
3.5-inch, 384*160px

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

Expansion Port
(RJ12)

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 Key

M1~M6 keys, Designed for Speed Dials

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

Dual color LED

P22G/P23GW + P2EXP (Expansion Module)

Rich Accessories

USB 2.0

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)

RJ9 port

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.
(*All Flyingvoice Wi-Fi IP Phone)

192.168.1.3

192.168.1.3

Internet

LAN

192.168.1.2

192.168.1.1

Wi-Fi to LAN

192.168.1.3

Internet

SSID:Flyingvoice

WAN   LAN

192.168.1.1

192.168.1.4

192.168.1.2

AP mode
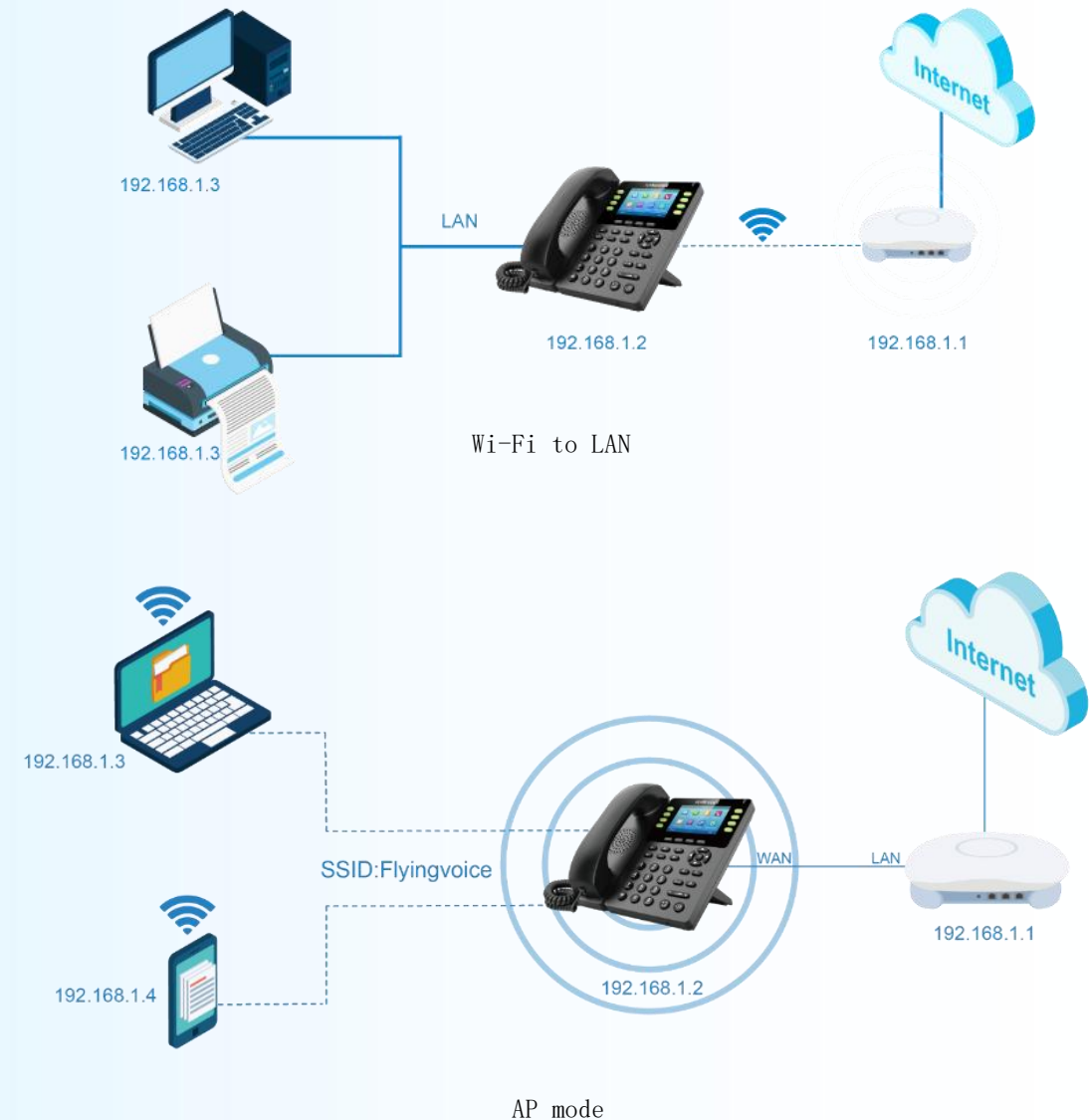
Conforms to Voice Quality Standard

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

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

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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

FLYINGVOICE
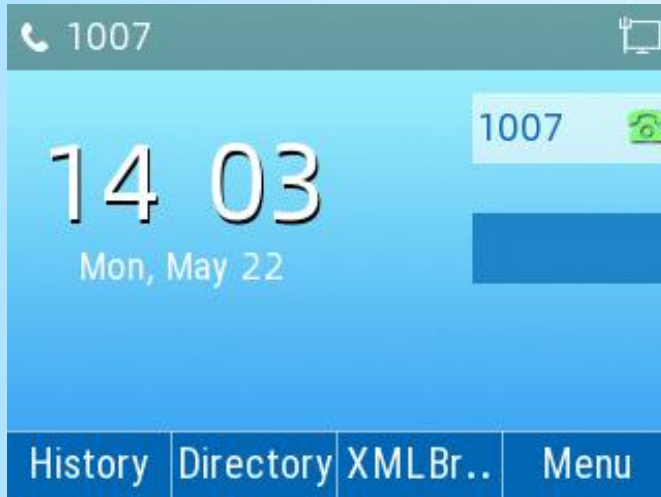
XML Browser

- 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

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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

FLYINGVOICE

Core Parameters networking

- Dual-color account key

- 7-level brightness backlight

- Built-in Wi-Fi，wireless networking

- USB port，external USB flahs 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

2000

FIP1X Series

Classic

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

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）		✓（MAX218）	✓（MAX218）	✓（MAX218）
	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, 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

Easy-grip Handset

Dual Gigabit Ethernet Ports

IPS Touchable Screen

Dual USB Ports

HD Voice Quality

Concave Buttons

Adjustable Muti-angle Stand

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 Port top

USB Port Back

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

HELP key

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.

Wireless SOS 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

FLYINGVOICE

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

FLYINGVOICE

Chapter 3

Accessories
Overview

03

FLYINGVOICE

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
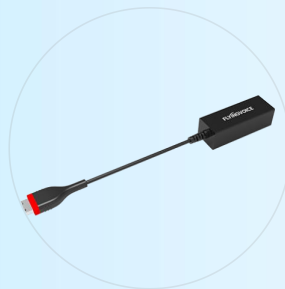
EHS10

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

NEW

NEW

NEW

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

FLYINGVOICE

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.
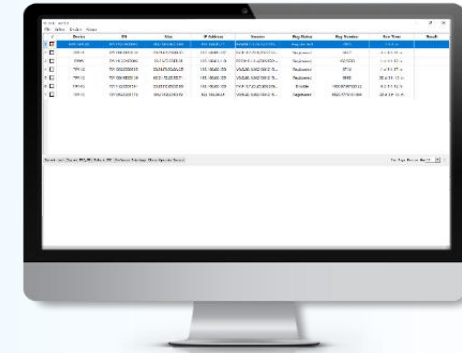
FLYINGVOICE
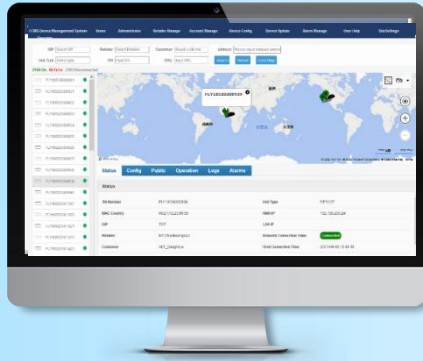
FACS

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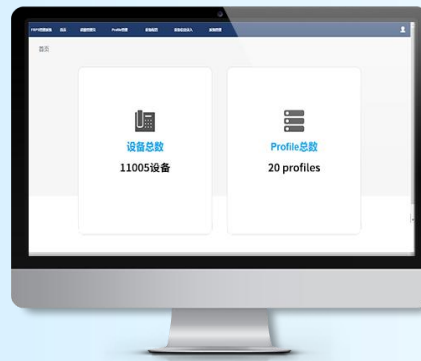
FRPS

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

FDC

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

FLYINGVOICE

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.

FLYINGVOICE

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

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.

FRPS

Flyingvoice IP Phones

Cloud PBX
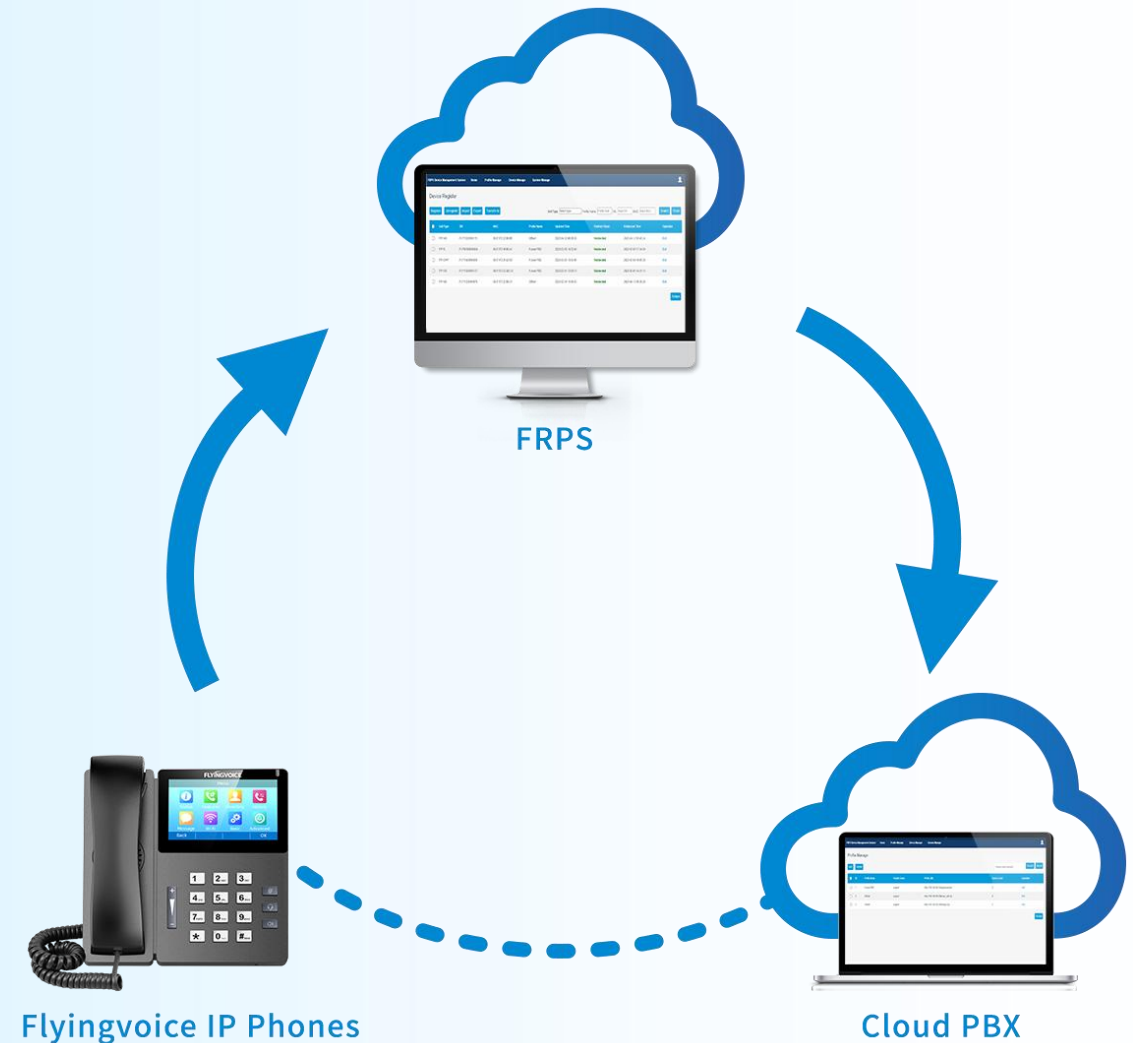
FLYINGVOICE

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.