

## P20/P20P/P20G

### Dual-line business IP Phone

P20 Series enterprise wireless Wi-Fi phone, equipped with 132x64 pixel black and white LCD screen with backlight, providing users with a clear visual experience. And P20 series have 6 speed dial M keys, to achieve a one-click speed dial, easy to operate, and improves call efficiency. P20 series integrates 2.4GHz Wi-Fi, users can choose the adaptable model according to the demand of Gigabit Ethernet port, PoE supply to meet different scenarios of enterprise office. Integrated USB2.0 interface supports USB flash drive, EHS10 adapter, Bluetooth dongle, allowing you to experience rich expansion capabilities. At the same time, P20 series all support 6-way local voice conferencing call, helping you to enhance the efficiency of multi-person collaborative work.



### Key Features and Benefits

#### HD voice, Better calls

Flyingvoice P20 Series supports Opus wideband codec with advanced echo cancellation technology and intelligent noise cancellation technology to provide users with high-definition voice for better quality voice calls.

#### Convenient Networking, More Comfortable Calls

P20 Series is integrated with 100/1000M dual Ethernet ports, built-in 2.4GHz Wi-Fi, PoE, via the networking characteristics of different models, users can choose machines that adapt to the corporate office environment to meet the needs of different application scenarios.

#### USB expansion to meet more application scenarios

Integrated USB 2.0 interface, users can choose according to different models, USB flash drive, EHS10 adapter, Bluetooth dongle to access to achieve the USB recording, as well as DECT wireless headset, Bluetooth wireless headset, providing users with wireless office services.

#### Easy Deployment

P20 Series can be easily to deploy and manage by online platforms such as FACS and FRPS and auto-provisioning modes FTP/TFTP/HTTP/HTTPS/TR069, greatly saving on operation and maintenance costs for IT departments.

- 2.3" 132\*64px backlit LCD screen
- 2.4GHz Wi-Fi
- 2 SIP accounts
- Dual Gigabit Ethernet ports (P20G Only)
- USB 2.0 port for USB recording
- Support PoE (P20P/G Only)
- Support DECT and RJ9 headset
- 6-Way Conference call
- Six speed dial M keys (M1-M6)
- Opus
- Wall mountable

Model differentiation			
Device	P20	P20P	P20G
POE	Not support	Support	Support
Internet	2*10/100 Mbps	2*10/100 Mbps	2*10/100/1000 Mbps

Phone Features	
LCD Screen	> 132*64px backlit B/W LCD screen
Function Keys	> 12 Function Keys: M1, M2, M3, M4, M5, M6, mute, headset, transfer, redial, hands-free, conference > 2 Line keys, 4 Soft Keys, 5 Navigate Keys, Volume+/-
Wi-Fi	> 2.4GHz
SIP Accounts	> 2 SIP accounts
USB Port	> USB call recording through USB flash drive > Wireless Headset Adapter EHS10 > Bluetooth dongle
Ethernet Port	> 2*10/100M (P20G support 1000M) > Support PoE (P20P/P20G)
Other Ports	> 1 x Extension port (Flyingvoice P2EXP Color screen Expansion Module) > 1 x Handset port > 1 x RJ9 Headset port - Wire-controlled RJ9 headset through HP200

Call Features	
Basic function	> Call hold, Mute, DND, Redial, Auto answer, One-touch speed dial, Hotline, SMS, Call forward, Call waiting, Call transfer (attended/blind), Paging, Intercom, Voice mail, BLF, Anonymous call, Anonymous call rejection, Message waiting indicator (MWI), Hot desking
Direct IP Call	> Supported
Phone book	> 2000 records; Phonebook search/import/export; XML/LDAP remote phonebook; Black list
Call history	> 800 records; Call history: All/missed/dialed/received/transfer
Conference Call	> 6-way conference, Network conference
USB call recording	> support
DECT headset	> support

Audio Features	
HD Voice	> HD handset, HD speaker
Audio Codec	> G.722, Opus, AMR-WB(Optional), G.711WB(Optional), G.711(A/U), iLBC, G.729A/B, G.723, G.726, AMR-NB(Optional)
DTMF	> In-band, RFC 2833, SIP info

Network	
Network Safety	> SIP Related Features: - SIP v1 (RFC2543), v2 (RFC3261), NAT Traversal by STUN - Random SIP Port and R port - SIP link mode: Proxy mode and peer-to-peer SIP link mode - Call server redundancy supported > Network Features: - Static IP and DHCP, IPv4 /IPv6, Dual stack IPv4/IPv6, ARP/RARP, DNS A/DNS SRV/DNS NAPTR - LLDP/CDP/DHCP VLAN; IEEE802.1X; OpenVPN; DSCP, 802.1p QoS > Time and Date synchronization: SNTP, PBX, DHCP > Transport Feature: UDP/TCP/TLS (1.3); RTP/RTCP/SRTP

## Configuration & Maintenance

<b>Auto-provision</b>	<ul style="list-style-type: none"> <li>&gt; TR069 (TR104/TR106), SNMP</li> <li>&gt; FTP/TFTP/HTTP/HTTPS for Auto Provisioning</li> <li>&gt; Cloud device management: FACS</li> <li>&gt; Cloud device management: FRPS</li> <li>&gt; DHCP Option66</li> </ul>
<b>Configuration</b>	<ul style="list-style-type: none"> <li>&gt; Supports web configuration</li> <li>&gt; Factory reset, reboot</li> <li>&gt; Packet capture, system log</li> </ul>

## Others

<b>Physical Features</b>	<ul style="list-style-type: none"> <li>&gt; New Stand, Wall mountable</li> <li>&gt; AC/DC Adapter, AC Input: 100~240V, 50~60Hz</li> <li>&gt; DC Output: 5V, 1A (P20/P20P); 5V, 2A (P20G)</li> <li>&gt; Power consumption (PSU): 1.6~3.0W</li> <li>&gt; Power consumption (PoE): 1.7~3.3W</li> <li>&gt; Relative humidity: 10%~90% (No Condensing)</li> <li>- Storage temperature: -20~ 70°C</li> <li>- Operation temperature: 0~45°C</li> <li>&gt; Dimension (W x D x H): 190mm x 188.5mm x 41mm</li> </ul>
--------------------------	---

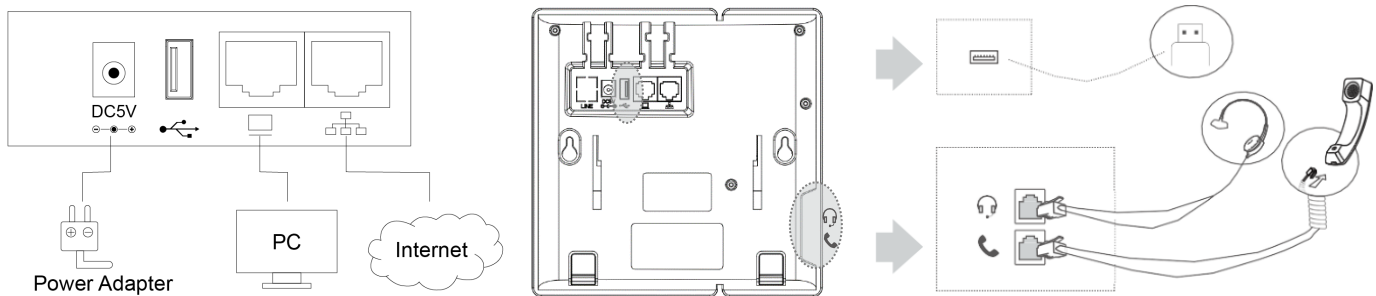
## Package Content

<b>Details</b>	<p>Packing List:</p> <ul style="list-style-type: none"> <li>- Flyingvoice P20/P20P/P20G IP Phone, Power adapter (optional)</li> <li>- Handset with handset cord, Ethernet cable, Stand</li> <li>- 1 handset, 1 handle cable, 1 Ethernet cable, 1 base stand</li> <li>- Quick Start Guide</li> </ul> <p>Size:</p> <ul style="list-style-type: none"> <li>&gt; Qty/CTN: 10 PCS, N.W/CTN: 8.31 kg, G.W/CTN: 10.66 kg</li> <li>&gt; Giftbox size: 270mm x 195mm x 78mm</li> <li>&gt; Carton size: 410mm x 410mm x 290mm</li> </ul>
----------------	--

## Certification & Compatibility

<b>Certificated by</b>	
<b>Compatible with</b>	

\* For more Compatibility information, refer to <https://www.flyingvoice.cn/partners/technology-partners.html>



## About FLYINGVOICE

Established in 2007, Flyingvoice is a global SME high-tech enterprise specializing in network communication terminal products. With research hubs strategically located in Bangkok, Hong Kong, and Shenzhen, and manufacturing facilities in Shenzhen and Vietnam, we ensure cutting-edge innovation and reliable production.

After more than 10 years of development, Flyingvoice has curated three product lines: IP Phones, POTS Replacement, and 5G FWA. Our mission is to provide SME customers with easily deployable and manageable network communication terminal products, along with voice and data communication solutions. We also offer the most comprehensive POTS Replacement solutions in the industry.

Flyingvoice products meet rigorous telecom-grade standards and are widely embraced by leading carriers globally. As of 2023, our POTS replacement products are favored by carriers in South Korea and North America, while IP Phones are extensively utilized in South Korea, India, and China. Notably, Flyingvoice's 5G FWA products have been mass deployed by carriers in China and India.

At the same time, Flyingvoice places great emphasis on supporting enterprise integration clients. With distribution and integration partners across major countries and regions worldwide, we've built a robust technical support system, guaranteeing efficient service delivery to our customers.

## Copyright

Copyright © Flyingvoice Network Technology Co., Ltd. All rights reserved. No parts of this publication may be reproduced or transmitted in any form or by any means, electronic or mechanical, photocopying, recording, or otherwise, for any purpose, without the express written permission of Flyingvoice Network Technology Co., Ltd.

## Technical Support

Visit [www.flyingvoice.com](http://www.flyingvoice.com) for product documents and FAQ, or contact Flyingvoice by email at [support@flyingvoice.com](mailto:support@flyingvoice.com). We'll get you the help you need.



Flyingvoice Network Technology Co., Ltd.

Website: [www.flyingvoice.com](http://www.flyingvoice.com)

Add: 1801-1802, Building 1, Chongwen Park, Nanshan Zhiyuan, Nanshan District, Shenzhen, China

Copyright © Flyingvoice Network Technology Co., Ltd. All Rights Reserved