



SIP Phone Advance

IPN-P20

KEY FEATURES

- 2.4" 128x64-pixel display with backlight.
- 3 multi-functional line keys, up to 15 Paperless DSS Keys.
- Optima HD voice, Full-duplex speakerphone.
- Dual-port Gigabit Ethernet, integrated POE.
- 2xBuilt-in USB Port, support USB WIFI Dongle.
- Up to 3 SIP accounts, 3-way conferencing.
- Integrated stand with multi adjustable angles.
- Support connect with Android/IOS mobile phone.
- Bluetooth 4.0, support MPL(Mobile Phone Line) & Bluetooth headset.
- Interactive with cell phone by MPL, Use deskphone to answer any call (GSM, Skype, WhatsApp, Wechat, etc) from your cell phone. And you can even have Conference/Transfer call with another SIP extension.

TECHNICAL SPECIFICATION

Phone Features

- >3 SIP accounts, Hotline
- >Call hold, Call waiting, Call forward, Call return
- >Call transfer (blind/busy/ask)
- >Caller ID display, Redial, Mute, DND
- >Auto-answer, 3-way conferencing
- >Speed dial, SMS, Voicemail Message Waiting Indication LED
- >Tone scheme, Volume control
- >Direct IP call without SIP proxy
- >Ring tone selection/import/delete
- >Black list, Hand-free indicator.
- >Call history: dialed/received/missed;
- >Multi-Language
- >Soft keys programmable, Supports PC control

Advanced Features

- >XML Phone Book search and input & output
- >Enterprise phone book 2000
- >Personal phone book 1000
- >LDAP phone book
- >Functions customizable keys
- >Support up to 15 paperless DSS keys
- >MPL: Mobile Phone Line
- >Support Bluetooth headset
- >Support EHS

Codes and Voice Features

- >Wideband Codec: G.722
- >Narrowband codec: G.711μA, G.726, G.729AB, iLBC
- >VAD, CNG, AEC, AGC
- >Full-duplex,

IP PBX System Integration

- >Busy lamp field (BLF), BLF list
- >Bridged line appearance (BLA)
- >DND & Forward synchronization
- >Intercom, Paging, Music on hold
- >Call pickup, Dial Plan, Call recording Anonymous call, Anonymous call rejection
- >Network conference, Distinctive ringtone

Security

- >LLDP, VLAN QoS (802.1pq), VPN(L2TP)
- >Transport Layer Security (TLS)
- >Digest authentication using MD5/MD5-sess
- >Secure configuration file via AES encryption
- >Phone lock for personal privacy protection
- >Admin/User 2-level configuration mode

Network Features

- >SIP v1 (RFC2543), v2 (RFC3261)
- >DNS SRV (RFC3263)
- >NAT Traversal: STUN mode
- >DTMF: In-Band, RFC2833, SIP Info, Auto
- >HTTP Web Management
- >HTTPS Web Management is optional
- >IP Assignment: Static/DHCP/PPPoE
- >Bridge/Router mode for PC port
- >TFTP/DHCP/PPPoE client
- >DNS client, NAT/DHCP server

Management

- >Auto-provision via FTP/TFTP/HTTP/HTTPS
- >SNMP V1/2, TR069 is optional
- >IPv6 is optional
- >Configuration: browser/phone/auto-provision
- >Trace package and system log export

Physical Features

- >128x64-pixel display with backlight
- >36 keys, 6 LED lights,
- >1xRJ-9 handset port
- >1xRJ-9 headset port
- >Support Bluetooth 4.0
- >2xRJ45 10/100/1000M Ethernet ports
- >Power adapter: AC 100~240V input and DC 12V/1A output
- >2x USB port
- >Power over Ethernet, IEEE 802.3af, class 0
- >Power consumption: 2.5-3.5W
- >G. weight: 1.67kg
- >Dimension: 320x213x73mm
- >Operating humidity: 10~95%
- >Storage temperature: up to 60°C