

NexFone N308 Enterprise IP Phone

NexFone N308 is an enterprise-class color screen VoIP phone with high-definition voice, 2.8-inch 320x240 color screen, support Gigabit Ethernet, 16 SIP accounts, support PoE power supply, support external EHS wireless headset, six-party conference call and other rich functions; It can meet A variety of enterprise applications and provide high-quality user experience.

FEATURE SPOTLIGHT

- Intelligent DSS button corresponding to the display screen—3 pages can be dynamically displayed, and each page can be set to display the status of 7 DSS buttons, and a total of up to 21 DSS buttons can be customized. Each DSS button can be set as Line/BLF /speed dial extension, etc.
- Built-in Bluetooth 5.0 (Connect Bluetooth headset)
- Built-in Wi-Fi dual-band (802.11 a/b/g/n/ac)
- Support external EHS wireless headset
- Gigabit Ethernet-adaptive 10/100/1000Mbps network port, provide high-speed network transmission, support PoE power supply
- High compatibility-compatible with mainstream SIP-based IP PBX/softswitch/IMS platforms, such as Asterisk, Broadsoft, 3CX, Metaswitch, Yeastar, etc.



TECH SPECIFICATIONS

Audio Features

- HD handset, HD speaker
- Hearing aid compatible (HAC) handset
- Wideband ADC/DAC 16KHz sampling
- Narrowband Codec: G.711a/u, G.726-32K, G.729AB, iLBC
- Wideband Codec: G.722, Opus
- Full-duplex hands-free speakerphone with AEC
- VAD, CNG, AEC, PLC, AJB, AGC
- Packet Loss Concealment
- Dynamic adaptive jitter buffer
- DTMF: In-band , Out-of-Band(RFC2833), SIP INFO

Phone Features

- 16 SIP accounts
- User-defined DSS keys, up to 21 DSS/BLF keys
- Call hold, call waiting
- Call forwarding (Always / Busy / No answer)
- Call transfer (Blind / Attended / Semi-Attended)
- One-touch speed dial, hotline, mute, DND
- Group listening, emergency call
- Redial, call return, auto answer
- Direct IP call without SIP proxy
- Set date time manually or automatically
- Built-in Bluetooth 5.0: connect Bluetooth headset
- Built-in Wi-Fi dual-band (802.11 a/b/g/n/ac)
- Support EHS wireless headset (via external accessories)
- Dial plan, action URL/URI
- uaCSTA
- 6-Way conferencing

User Interface

- 2.8" 320x240 color screen
- Screensaver
- Multiple languages (English/Simplified Chinese/German/French/Dutch/Italian/Spanish/Portuguese/Russian/Japanese)
- LED for call and message waiting indication
- Caller ID with name, number

IP-PBX Features

- Busy Lamp Field (BLF)
- Anonymous call, anonymous call rejection
- Hot desking, intercom, paging
- Message Waiting Indicator (MWI)
- Voice Message
- Call park, call pickup, music on hold
- Call completion, call recording

Directory

- Local phonebook up to 1000 entries
- XML/LDAP remote phonebook
- Black list / White list
- Smart dialing
- Phonebook search/import/export
- Call history: dialed/received/missed/forwarded

Interface

- Dual-port Gigabit Ethernet
- Power over Ethernet (IEEE 802.3af), class 3
- 1 x Security lock port
- 1 x RJ9 (4P4C) handset port
- 1 x RJ9 (4P4C) headset port
- 1 x Power adapter
- 1 x USB2.0 Port for:
 - USB flash drive
 - Wired/wireless USB headset

Feature keys

- 7 DSS Keys with Dual-color (red/green) LEDs
- 1 page turning key
- 4 dynamic Soft-Key
- 3 function keys (call transfer/voice message/redial)
- 4 arrow keys, 1 OK key
- 12 standard telephone number keys
- Volume control keys
- Illuminated mute/headset/hands-free speakerphone key

Management

- Configuration: browser/phone/auto-provision
- Auto provision via FTP/TFTP/HTTP/HTTPS for mass deployment
- Auto-provision with PnP, Zero-sp-touch, TR-069
- Web message capture (Web-based Packet-dump)
- Configuration export/import
- Reset to factory, Package tracing export, system log

Package Features

- Package content:
 - NexFone N308 IP Phone
 - Handset
 - Handset cord
 - Ethernet Cable
 - Stand
 - Quick Start Guide
 - Wall mountable (Optional)
 - Power Adapter (Optional)

Network and Security

- 10/100/1000M Ethernet
- IPv4/IPv6
- IP assignment: static/DHCP/PPPoE
- SIP v1 (RFC2543), v2 (RFC3261)
- Call server redundancy supported
- NAT traversal: STUN mode
- Proxy mode and peer-to-peer SIP link mode
- UDP/TCP/DNS-SRV (RFC 3263)
- Support 802.1x network access authority authentication
- Virtual Private Network (VPN): L2TP/OpenVPN
- Support HTTP/HTTPS service
- Virtual Local Area Network (VLAN)
- Link Layer Discovery Protocol (LLDP)
- Quality of Service (QoS)
- Time and date synchronization using SNTP
- RTCP-XR (RFC3611), VQ-RTCPXR (RFC6035)
- SRTP, Transport Layer Security (TLS1.2)

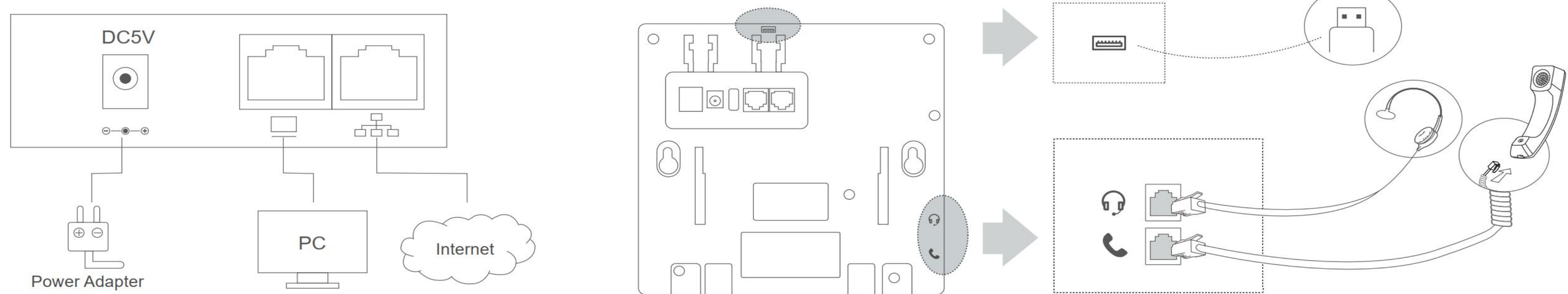
Other Physical Features

- AC/DC Adapter (optional)
 - AC Input: 100~240V, 50~60Hz
 - DC Output: 5V, 2A
- Power consumption (PoE): 1.55W~10.4W
- Power consumption (PSU): 1.5W~3.5W
- Operating temperature: 0~45°C
- Operating humidity: 10~95%
- Color: Classic Gray
- Stand with 2 adjustable angles
- Dimension: 8.65 x 6.7 x 1.34 inches
- Wall mountable (optional)

Certificated by



Compatible with



Learn more

For more information on NexFone N308 visit www.nexvoo.com



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