

# NexFone N350 Mid-end Touch Screen IP Phone

NexFone N350 is Nexvoo's premier IP phone which features a 5-inch capacitive touch panel, it is ideal for any enterprise executive or manager and teleworker. The phone supports up to 16 SIP accounts, 2.4GHz Wi-Fi connection and dual-port Gigabit Ethernet. With PoE, BLF and programming features, N350 offers productivity features for speed of operations and collaboration. Thus, making it an ideal choice for reliable and flawless communication.

## FEATURE SPOTLIGHT

- NexFone N350 IP phone adopts capacitive display, which can provide wide viewing angle and better color restoration. In addition, due to the built-in touch, the operation is more convenient.
- NexFone N350 supports dual 10/100/1000 Mbps ports and built-in 2.4G/5G Wi-Fi, connect people with the way you like. The built-in USB port allows you to record calls onto a USB flash drive. Besides, N350 supports EHS Headset.
- NexFone N350 provides a great sound quality. We have created high-definition sound quality solutions for handset, headset and hands-free scenarios, even in a noisy environment.
- Your conversations are well protected by configuration files with AES, SRTP and TLS call encryption, etc. N350 IP phones are widely compatible with SIP based devices and PBX platforms such as Asterisk, Broadsoft and 3CX, 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

### Video Features

- Video decoding: H.264 High Profile, H.264
- Video resolution: QCIF / CIF / VGA / 720P/1080P

### Phone Features

- 16 SIP accounts
- User-defined DSS keys, up to 42 DSS/BLF keys
- Support video incoming call
- Support HD Audio
- 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



## Display and Indicator

- 5" 854 x 480 capacitive touch screen
- Support single touch
- Wallpaper and 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

## Feature keys

- 14 DSS Keys with Dual-color (red/green) LEDs
- 1 touch page turning key
- 1 voice message 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

## 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

## Other Physical Features

- AC/DC Adapter (optional)
  - AC Input: 100~240V, 50~60Hz
  - DC Output: 5V, 2A
- Power consumption (PoE): 1.9W~4.5W
- 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)

## 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)

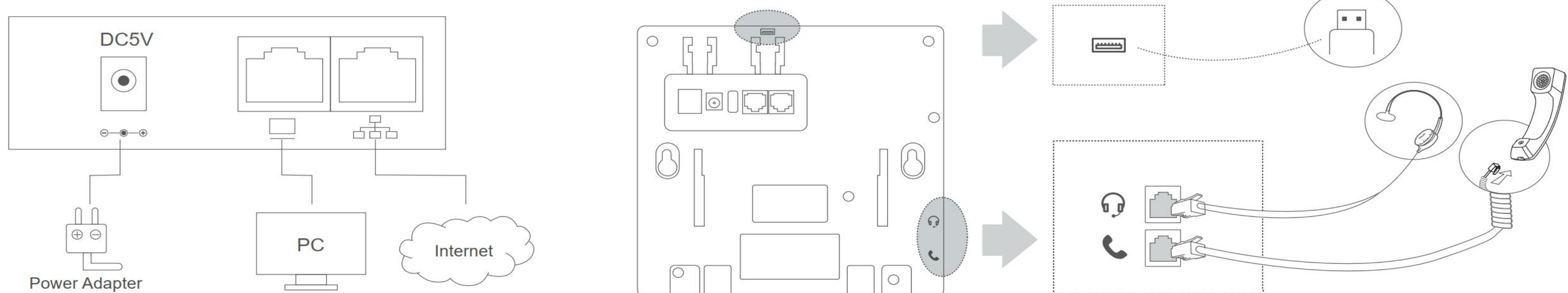
## Package Features

- Package content:
  - NexFone N350 IP Phone
  - Handset
  - Handset cord
  - Ethernet Cable
  - Stand
  - Quick Start Guide
  - Wall mountable (Optional)
  - Power Adapter (Optional)

## Certificated by



## Compatible with



## Learn more

For more information on NexFone N350 visit [www.nexvoo.com](http://www.nexvoo.com)



## Copyright

©2021 Nexvoo Inc. All rights reserved. The Nexvoo logo and other Nexvoo marks are owned by Nexvoo and may be registered. All other trademarks are the property of their respective owners.