

NERON NXP 5xx SIP PHONE



NXP 502HD

Business VoIP Phone

- 128 x 64px backlit LCD display
- 2 SIP accounts
- 2 DSS/BLF keys
- HD Voice
- Opus Codec
- 2 x 10/100 Mbps Ethernet port
- PoE
- Stand with 3 adjustable angles
- 2.4GHz Wi-Fi
- Wall mountable
- Phone book (2000 records)
- XML/LDAP remote phonebook
- Call history: In/Out/missed (60 records)
- BLF & Message waiting indicator (MWI)
- Voice mail, call park, call pickup
- 2 Line keys & 4 Soft Keys
- 7 features keys: message, headset, hold, mute, transfer, redial, hands-free speakerphone
- 5 Navigate Keys
- Volume+/-
- 1 x RJ9 Handset port
- 1 x RJ9 Headset port
- 1 x Power adapter



NXP 502HD is an entry-level desktop IP phone equipped 128 x 64 dot-matrix backlight display. Inbuilt 2.4GHz Wi-Fi to help business maximise the use of wireless network, reduce internet cable cost and support clean and uncluttered workspace communications. It provides distraction-free communications with industry leading Smart Noise Filtering Technology to delivers excellent sound quality without extraneous noises and allows fluent conversations. It supports 2 SIP accounts, 2.4GHzWi-Fi, dual 10/100 Mbps ports, IPv4/IPv6 and integrated PoE. It is a reliable choice for small-to-medium size businesses that require basic VoIP functions. The advanced design including modern appearances and ergonomic details enables easier and friendly operation experience to users.

NXP 504HD

Business VoIP Phone



2.8-inch



Backlight



- 2.8" 320x240-Pixel Color Display
- 4 SIP accounts
- 9 DSS/BLF keys
- HD Voice
- Opus Codec
- 2 x Gigabit Ethernet port
- 1x USB port
- Stand with 3 adjustable angles
- 2.4GHz Wi-Fi
- Wall mountable
- Phone book (2000 records)
- XML/LDAP remote phonebook
- Call history: In/Out/missed (60 records)
- BLF & Message waiting indicator (MWI)
- Voice mail, call park, call pickup
- 4 Line keys
- 4 Soft Keys
- 7 features keys: message, headset, hold, mute, transfer, redial, hands-free speakerphone
- 5 Navigate Keys
- Volume+/-
- 1 x RJ9 Handset port
- 1 x RJ9 Headset port
- 1 x Power adapter
- PoE



HD Voice



4 SIP Account



2.4 GHz Wifi & AP



6 Way Conference

Mid-level VoIP Phone, ideal for professionals and managers with moderate call load. NXP 504HD is a 4-Line SIP phone with 2.8-inch IPS colour screen. It features dual Gigabit Ethernet ports, USB 2.0 port and RJ9 port, Integrated PoE and 2.4G Wi-Fi. Wi-Fi 2.4G to help business maximize the use of wireless network, reduce internet cable cost and support clean and uncluttered workspace communications. NXP 504HD delivers distraction-free communications with industry leading Smart Noise Filtering Technology with excellent sound quality without extraneous noises and allows fluent conversations..

NXP 508HD

Business VoIP Phone



3.5-inch



IPS Screen



Backlight



- 3.5" 480 x 320px color display
- 8 SIP accounts
- 21 DSS/BLF keys
- HD Voice
- Opus Codec
- 2 x Gigabit Ethernet port
- 1x USB port
- Stand with 3 adjustable angles
- 2.4GHz Wi-Fi
- Wall mountable
- Phone book (2000 records)
- XML/LDAP remote phonebook
- Call history: In/Out/missed (60 records)
- BLF & Message waiting indicator (MWI)
- Voice mail, call park, call pickup
- 8 Line keys
- 4 Soft Keys
- 7 features keys: message, headset, hold, mute, transfer, redial, hands-free speakerphone
- 5 Navigate Keys
- Volume+/-
- 1 x RJ9 Handset port
- 1 x RJ9 Headset port
- 1 x Power adapter
- PoE



HD Voice



8 SIP Account



2.4 GHz Wifi & AP



6 Way Conference

Mid-level VoIP Phone, ideal for professionals and managers with moderate call load. NXP 508HD is a 8-Line SIP phone with 3.5-inch IPS colour screen. It features dual Gigabit Ethernet ports, USB 2.0 port and RJ9 port, Integrated PoE and 2.4G Wi-Fi. Wi-Fi 2.4G to help business maximize the use of wireless network, reduce internet cable cost and support clean and uncluttered workspace communications. NXP 508HD delivers distraction-free communications with industry leading Smart Noise Filtering Technology with excellent sound quality without extraneous noises and allows fluent conversations..

NXP 510HD

Business VoIP Phone



4.3-inch



IPS Screen



Backlight



- 4.3" 480 x 272px colour IPS screen
- 10 SIP accounts
- Up to 64 DSS/BLF keys
- HD Voice
- Opus Codec
- 2 x Gigabit Ethernet port
- Stand with 3 adjustable angles
- 2.4GHz Wi-Fi inbuilt
- 5GHz Wi-Fi using Wi-Fi dongle
- Wall mountable
- Phone book (2000 records)
- XML/LDAP remote phonebook
- Call history: In/Out/missed (60 records)
- BLF & Message waiting indicator (MWI)
- Voice mail, call park, call pickup
- 10 Line keys (touchable)
- 3 features keys: headset, mute, hands-free speakerphone
- 4 soft keys (touchable)
- Volume+/-
- 1 x RJ9 Handset port
- 1 x RJ9 Headset port
- 1 x Power adapter
- 1 x USB 2.0 port
- PoE



HD Voice



10 SIP Account



2.4 GHz Wifi & AP



6 Way Conference

.Our most powerful High-End IP Phone with 4.3" touch screen Color LCD display, designed for the high-call volume user who requires a suite of call control and efficiency focused features. Bring heavy communications under control by utilising the NXP 510HD's high-line access, BLF/speed-dial support and other control focused features. The phone supports up to 10 SIP accounts, 2.4GHz Wi-Fi connection and dual-port Gigabit Ethernet. With PoE, BLF and programming features, FIP15G offers productivity features for speed of operations and collaboration. Thus, making it an ideal choice for reliable and flawless communication.



NXP 502HD



NXP 508HD



NXP 510HD

Specification	NXP 502HD	NXP 508HD	NXP 510HD
SIP Account	2 SIP Account	8 SIP Account	10 Account
Conference	6 Way	6 Way	6 Way
Phone Feature	Call hold, mute, DND, redial, auto answer, One-touch speed dial, hotline, SIP message, Call forward, call waiting, call transfer (attended/blind), Paging, intercom, Direct IP call without SIP proxy, Dial rule		
Wi-Fi	2.4GHz Wi-Fi	2.4GHz Wi-Fi	2.4GHz Wi-Fi
Wideband Codec	G.722, Opus, AMR-WB(Optional), G.711WB(Optional)		
Narrowband Codec	G.711(A/u), iLBC, G.729AB, G.723, G.726, AMR-NB(Optional)		
DTMF	In-band, RFC 2833 and SIP info		
Phone book	2000 records, Black list , XML/LDAP remote phonebook , Phonebook search/import/export , Call history: dialed/received/missed (60 records)		
IP-PBX Features	BLF, Anonymous call, anonymous call rejection , Voice mail, call park, call pickup , Message waiting indicator (MWI)		
Line Key	2 Line keys	8 Line keys	10 Line keys (touchable)
BLF/DSS Key	Up to 2 DSS/BLF keys	Up to 21 DSS/BLF keys	Up to 64 DSS/BLF keys
Features keys	7	7	3x headset, mute, hands-free speakerphone
Soft Keys	4	4	4 soft keys (touchable)
Navigate Keys	5	5	NA
Volume+/-	YES	YES	YES
Display	128 x 64px backlit B/W LCD screen	3.5" 480 x 320px color display	4.3" 480 x 272px color IPS screen with backlight
Ethernet	2x 10/100	2x 10/100/1000	2x 10/100/1000
Headset	1x RJ9	1x RJ9	1x RJ9
Handset	1x RJ9	1x RJ9	1x RJ9
USB	NA	1x USB	1x USB
Management	Configuration: browser/phone/auto-provision , TFTP/HTTP/HTTPS for Auto Provisioning , TR069 (TR104/TR106) , Reset to factory, reboot , system log , DNS/DNS SRV (RFC 1706, RFC 2782) , NAPTR for SIP URI lookup (RFC 2915) , DHCP server and DHCP client		
AC/DC Adapter	DC Output: 5V, 1A	DC Output: 5V, 1A	DC Output: 5V, 2A
Power consumption (PSU)	1.5-3.5W	1.5-3.5W	1.5-3.5W
Power consumption (PoE)	1.9-4.5W	1.9-4.5W	1.9-4.5W
Relative humidity	10%~90% (No Condensing)	10%~90% (No Condensing)	10%~90% (No Condensing)
Storage temperature	25~ 65°C	25~ 65°C	25~ 65°C
Operation temperature	0~45°C	0~45°C	0~45°C
Network and Security	SIP v1 (RFC2543), v2 (RFC3261) , Call server redundancy supported , NAT Traversal By STUN , Proxy mode and peer-to-peer SIP link mode , Static IP and DHCP , HTTP/HTTPS web server , Time and date synchronization using SNTP , SDP (RFC 2327), UDP/TCP , Mutil-VLAN, DSCP and 802.1p QoS , SRTP > TLS >, HTTPS certificate manager , AES encryption for configuration file , Digest authentication , IEEE802.1X, OpenVPN, IPv4 /IPv6, Dual stack IPv4/IPv6 , RTP/RTCP (RFC 1889, RFC 1890) , ARP/RARP (RFC 826/903) , IEEE802.1Q VLAN/802.1p/DSCP , SNMPv2 , LLDP/CDP/DHCP VLAN		

Neron Informatics is Leading VoIP & Unified Communication Products manufacturer under banner of “Make In India” . Startup Certified (DIPP) and focused on research & Innovation. Neron offers global standard embedded SIP-PBX , VoIP Gateway , SIP Phone and Telephony application software to cater SoHO, SME, SMB and Enterprise communication requirements. Recognised as a fastest growing brand in unified communication space (URS) and winner of Aegis Graham bell award 2017 “Innovation In Green Telecom” our products address core challenge area in telephony solution with flexibility and reliability.

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