HWD9888TSD(62)-IP

NEO Series Hotel Cordless IP Phone with 2.4 GHz WiFi Ready

Intelligent Communication Device for Next Generation Network

HWD9888TSD(62)-IP

2.4 GHz WiFi Ready Hotel IP Cordless Phone

The world's first WiFi ready Hotel IP Phone solution.

2.4GHz 802.11b/g/n WiFi Ready, NEO series is a new generation of hotel IP phone with 10 service keys, PoE and Power adapter options, providing a seamless and convenient communication experience to all users.

The NEO series features excellent HD voice quality and leading edge telephony technology with automatic deployment and advanced security protection mechanism compatible with all major SIP / IMS platform/ hotel SIP PBX brands.

The built-in antenna provides for a fast and easy network connection. Users can not only connect the Neo Series using an Ethernet cable but also wirelessly similar to the performance of a mobile phone.

User can connect the wireless network on NEO series phone's webpage. For details about the connections, please refer to NEO series user manual.

iMulti-function Base with USB charging

Highlights:

- Single line or two line
- 1.8GHz, DECT 6.0 technology for clear sound
- Dynamic transmit power for extended battery life
- Full duplex speakerphone on base and handset
- Automatic or manual handset registration for up to 4 additional handsets
- Available in Flat or Curved handset
- Flat handset available in optional color, (black, red, silver, orange, and blue)
- Compatible with all major PBX's
- Full length faceplates for hotel name/logo and dialing instructions

Functions:

Codec and Voice Features

HD Voice Codec supported: G.711 (A-Law, U-Law), iLBC and G.722 (HD).
Enhanced Noise reduction:
   VAD (Voice Active Detection)
   CNG (Comfort Noise Generation)
   AEC, ANC (Automatic Noisy Cancel)
   AGC (Automatic Gain Control)
   Adaptive Jitter buffer

Call Features

Comply with all major PBX brand
Functional keys: HOLD/Mute/SPEAKER/Redial/Conference(2 Lines)
10 Multi-functional keys
Hotel Mode: all redialed numbers will disappear in 5 minutes
Volume adjustment: Handset input/ouput, Speaker input/ouput, Ringer Volume
MWI comply with all major PBX brand
UDP/TCP/TLS transport protocol supported
RTP/RTCP/SRTP supported

Management

Support TFTP/HTTP/HTTPS Provisioning
Support TR069 cloud centralized management
Support WEB/Telnet/Configuration management/Factory reset
Support diagnose with syslog/package tracing/ping/traceroute

Applications

Support 802.3Q VLAN tagging
Support Static IP/DHCP Mode
Support independent LAN management
Support 2.4G wireless AP/Repeater Mode
Support Dial Plan management
Support NTP/Daylightsaving settings

Web Configuration

Based on Asterisk VOIP platform, comply with SIP 2.0 protocol
Integrated with Status/Network/VOIP/Phone/Wireless/Administration Settings Page

Cloud Platform Management

Support TR069 Centralized management Platform
Support TFTP/HTTP/HTTPS Cloud provisioning
Support Remote syslog server/Tracing server/NTP server

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Specifications

CHARACTERISTICS	
VoIP SoC	• CPU Core: MIPS 580Mhz
Flash	• 16M Flash
RAM	• 64M RAM
Phone Keys	• 10 service keys: MUTE, HOLD, Volume+/-, FLASH, REDIAL, SPKR, (CONF, LINE1, LINE2 Only for two-line version) • Phone Keys • 12 Dialing Buttons (0~9, *, #), • Message Waiting Lamp(MWL)
I/O Interfaces	• 2 RJ45 ports (Ethernet 10/100 Base-T) • 1 RJ9 Handset jack • 2.4 GHz Wifi (optional) • PoE 802.3af
Audio Feature	• G.711 (A-Law, µ-Law) • G.722 (HD) • G.723.1 • G.729AB • G.726 • iLBC • Adaptive Jitter Buffer Management • Voice Activity Detection • Comfort Noise Generation • Echo Cancellation • Support 1.8/1.9GHz, DECT6.0 standard, digital codec communication method
Protocols	• SIP V2 (RFC 3261,3262,3263,3264) • SDP (RFC2327) • RTP/RTCP (RFC1889 and RFC1890) • NAPTR for SIP URI Lookup (RFC2915) • STUN (RFC 3489) • ARP/RARP (RFC 826/903) • SNTP (RFC 2030) • TFTP/HTTP/HTTPS for Auto Provisioning • DNS/DNS SRV (RFC1706 and RFC 2782) • IEEE802.1Q VLAN/802.1p and IP TOS • SNMPV2 • TR06 (TR104/TR098/TR111)
Management	• Firmware Upgradeable • Web Management Interface • Password Management • Local and Remote Syslog (RFC3164) • Auto Provisioning: TFTP, HTTP and HTTPS • SNTP Time Synchronization • Multi User Level • Auto Provision • Support TR069 management mode

Call Features	• 2 lines (Optional) • Auto Answer • 3-way Conference(Only for two-line version) • Music on hold • Call Hold • Call Forwarding • Call Mute • Call Waiting • Call Pickup • MWI • DTMF: In-band, Out-band(RFC2833) and SIP Info • Full-duplex Speakerphone • Hotline • Redial • Volume adjustment-handset/handfree/speaker/ringing
Phone feature	• iMulti-function model supports Apple iDevices charging as well as other smart phones.(Optional) • Wireless deployment reduces cable and network cost (Optional) • Compatible with all major PBX's • Full length faceplates for hotel name/logo and dialing instructions • Flat handset available in optional color, (black, red, silver and orange) • Curved handset available in Black only
Environmental	• Operation Temperature: 0~50 Degree C • Storage Temperature: -25~ 85 Degree C • Relative Humidity: 10%~90% No Condensing
Power	• PoE 802.3af , Max power :5.35W • DC Adaptor: 9V/1A
Size	• Upright Model: 19.3cm(L)*11cm(W)*10.1cm(H) • Low-profile Model: 20.4cm(L)*11cm(W)*8.7cm(H)
Weight	• 950g (No packet)

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