

Liberty2 WP300S

Dual Band Wi-Fi Network Cordless Phone.



WP300S is a modern design and stylish business Wi-Fi phone which provides excellent mobility with L2 fast seamless roaming. Not only complying IEEE802.11a/b/g/n but also HD Codec G.711.1 and G.722 for crystal clear voice quality and seamless communication. More importantly, WP300S operates in the 2.4GHz and 5GHz band with outstanding connection reliability, so users can enjoy telephone mobility in various environments.

● Full-Duplex Speaker Phone

Liberty2 provides full-duplex speaker phone feature to be used in various environments, so users can enjoy convenient hands-free talking.

● Screen Text Input Mode

In order to offer convenient text input method, Liberty2 presents a new screen text input mode which is expanded as keyboard on the LCD screen.

● High capacity Battery

To offer longer talk-time and longer standby-time, Liberty2 is provided with Li-ion, 1500mA rechargeable battery.

● Web Authentication via Web Browser

Liberty2 is not only for indoor WiFi but also any available Wi-Fi hotspot, so user can make VoIP call by connecting to the nearest mobile network through the automatic Web authentication on the Web browser of the device.

● Feature

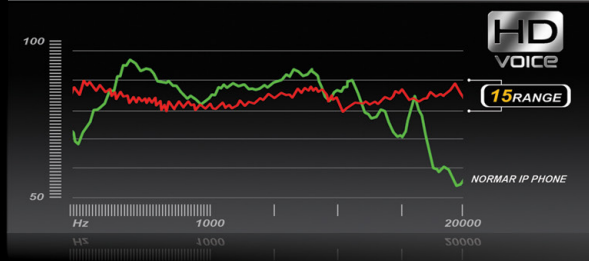
- Dual band 2.4GHz & 5GHz
- Standard SIP (RFC3261)
- Multi-line(2 accounts)
- Push-to-Talk
- Full-Duplex Speaker Phone
- Screen Text Input Method
- Web authentication via Automatic Web Browser
- Earphone(w/3.5Φ, 4pole type)
- Battery:Li-ion, 1500mA
- Stand by time : 100Hr
- Talk time: 5Hr
- Charging Cradle(optional)
- Belt clip(optional)
- Silicone Rugged Case(optional)



Dual Band Wi-Fi Phone

- › Wi-Fi Phone which supports both 2.4G and 5G
- › Convenient user interface
- › 2.4inch color LCD to maximize ease of use
- › Field proven stability from major carriers.

▼ High definition voice technology



● Specification

▼ Call Function

- Call Forwarding
- Call Hold
- Call Screen/Do Not Disturb
- Call Pickup
- Call Transfer
- Call Waiting
- 3 way Conference Call
- Simple based Instant Messaging and Presence
- Multi-Line(Limit to 2 Accounts)
- Push-to-Talk
- Full-Duplex Speaker Phone

▼ IP Network

- Wireless Access Protocol: IEEE 802.11 a/b/g/n
- Static IP, DHCP
- RTP/RTCP
- QoS(IEEE802.1p, 802.11i)
- Wi-Fi Protected Access: WEP 64/128 WPA, WPA2
- WPA-PSK/TKIP/AES, WPA2-PSK TKIP/AE

▼ Management

- Password Protection for Admin mode and User mode
- Management Protocol:SNMPv2(RFC2782)

▼ SIP Protocol

- Proxy Registration and Failover
- Outbound Proxy
- Registration Timer
- SIP Transport-UDP, TCP, SIPs
- Secured media negotiation(sRTP)
- Realm-based authentication (Digest Authentication)
- Session Timers
- DNS query(A record, SRV, NAPTR)
- Codec Negotiation
- DTMF relay RTP payload(RFC 2833) or SIP info
- Visual Message Waiting Indicator

▼ Codec

- CNG(Comfort Noise Generation)
- Echo Cancellation:G.168 Compliance
- Codec Auto Negotiation
- Codecs Narrow Band-G.711uLaw/aLaw, G.729A/B,G.711.1,G.722
- Echo Suppression(G.164)
- Enhanced Packet Loss Concealment
- Silence Suppression(G.164)
- VAD(Voice Active Detector)
- Adaptive Jitter Buffer
- Dynamic Payload Support
- Adjustable Audio Frames per Packet
- Flexible Dial Plan Support with Inter-Digit Timers

▼ DTMF / Ring Signal

- DTMF(Dual-Tone Multi-Frequency)
- Multiple Ring Tones
- Call Progress Tone Generation (Dial Tone, Busy and Audible Ring back)
- DTMF generation

▼ Software Features

- Linux Kernel 2.6.29
- MMS
- Reset to Factory Default
- Text Editor:ABC, Screen Text Input Method
- SMS, Long Message Service(160 Bytes)
- Web authentication via Automatic Web Browser Execution

▼ Hardware Specification

- 2.4inch, 65K, TFT QVGA 240X320
- CPU:DSPG DMW74(ARM9240Mhz)
- IEEE 802.11 a/b/g/n
- 64MB SDRAM, 256MB NAND
- Metal Dom Keypad with Back Light
- Key:12 Alphanumeric Keys, 8 Func keys, 5 Navigation Keys, 2 Side Keys(Up/Down), 2 Send/End-Power Keys
- Battery:Li-ion, 1500mAh, Inner pack type
- Charging time-Under 3hours
- Standby time-at least 55 hours
- Talk time-Up to 4hours
- Power:5V DC, 2A
- Operating Temp:-10~50°C
- Storage Temp:-30~60°C
- Humidity:10~95%(Non-Condensing)
- RF channel (2.4G-13Channel/5G-19Channel)
- **Audio Interface:**Built-in Microphone, Receiver and Speaker, Support for Earphone(w/3.5Φ, 4pole type-American standard)
- **Alarm:**Ringer/Vibration
- Options:Charging Cradle, Belt clip and Rugged Case