



Liberty L2

Dual Band Wi-Fi Network Portable Phone
Secure Voice Communications



Shown with optional base charger.

The **Liberty L2** is a modern design and stylish business Wi-Fi phone which provides excellent mobility with fast and seamless roaming. Compliant with IEEE802.11a/b/g/n, the **Liberty L2** supports HD Codec G.711.1 and G.722 for crystal clear voice quality seamless communication.

More importantly, the **Liberty L2** provides better calling security over any of today's smartphone VoIP Apps in the market.

• Full-Duplex Speaker Phone

Liberty L2 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, Liberty L2 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 increased standby-time, Liberty L2 comes equipped with a Li-ion, 1500mA rechargeable battery.

• Web Authentication via Web Browser

Liberty L2 is not only for indoor Wi-Fi but also any available Wi-Fi hotspot, so users can make VoIP calls by connecting to the nearest mobile network through the automatic Web authentication on the Web browser of the device.

• Unified Management Service via ARS (CLive)

For more efficient management, Liberty L2 provides additional services such as Software upgrades, a Troubleshooting guide, a Message Push Service, etc through our own ARS (Auto Registry System) named CLive.

• Features

- Dual Band 2.4GHz & 5GHz
- Standard SIP (RFC3261)
- Multi-Line (2 accounts)
- Push-to-Talk (PTT)
- Full-Duplex Speaker Phone
- Service Management with ARS (Auto Registry System) via CLive
- Screen Text Input Method
- Web authentication via Automatic Web Browser
- Earphones (w/3.5φ, 4pole type)
- Battery: Li-ion, 1500mA
- Stand by Time: 100 Hr
- Talk time: 5 Hr
- Charging Cradle (optional)
- Silicone Rugged Case with Belt Clip (optional)





Dual Band Wi-Fi Phone

- › Wi-Fi Phone supporting both 2.4G and 5G
- › Convenient User Interface
- › 2.4 Inch Color LCD to maximize ease of use
- › Field proven stability from major carriers

High Definition Voice Technology



Specifications

Call Function

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

* Confirm with Service Provider

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: WPA2, WPA, WPA2
- WPA-PSK/TKIP/AES, WPA2-PSK TKIP/AE

Management

- Password Protection for Admin mode and User mode
- Management Protocol: SNMPv2(RFC2782)
- Auto Provisioning: DHCP TFTP, Static TFTP, HTTP
- Remote Software Upgrade: http,tftp
- Remote Configuration
- Web-Based Management
- Service Management with ARS (Auto Registry System) via CLive

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
- Web Authentication via Automatic Web Browser Execution
- SMS, Long Message Service (160 Bytes)*

* Confirm with Service Provider

Hardware Specification

- 2.4 inch, 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 Function Keys, 5 Navigation Keys, 2 Side Keys (Up/Down), 2 Send/End-Power Keys
- Battery: Li-ion, 1500mAh, Inner Pack Type
- Charging Time - Under 3 Hrs
- Standby Time - At least 55 Hrs
- Talk Time - Up to 4 Hrs
- 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 Earphones (w/3.5Φ, 4 pole Type-American Standard)
- Alarm: Ringer/Vibration
- Options: Charging Cradle, Belt Clip and Rugged Case
- Model No.: WP300S