



W100

The W100 Wi-Fi SIP handset delivers high-quality, secure SIP communications to meet the needs of mobile workers in industries such as Healthcare, Retail, Manufacturing and Hospitality.

Phone Features

- 802.11 b/g/n (Wi-Fi) compatible
- Direct integration with SIP PBX systems
- Standards-based VoIP protocol support
- Standards based QoS
- Standard and enterprise-grade security options
- Text messaging support via third party integration
- Management and configuration via web-based GUI
- HD voice and integrated full duplex speakerphone
- Personal directory, redial and speed-dial lists
- Icon-based status indicator
- Audible and vibrating ringing
- Softkey feature access

Call Features

- Call forward, Transfer, Call waiting, Group listening, Conference, redial, Call back
- Speed dial, Peer to peer call (P2P), Hold, Mute, Do-not-disturb, Dial plan
- Ringer set/loading/delete
- Manual/auto-clock 1 SIP account
- Key-phone features (max 16 extensions)
- Vibration

Phone Book

- 500 lists local phonebook
- XML/LDAP remote phonebook, Intelligent search
- Search/export/import via web
- Blacklist

Display

- 2.4" Colour Display
- 320 x 240 resolution
- Missed call I message indicator

Keys

- 4 functions: Answer/Call, Power-off/Hang up, Speaker, Mute
- Nav. Keys: Up, Down, Left, Right, Ok
- 2 soft keys following LCD menu
- Volume control key
- Speakerphone/Voice dialling: Press & Hold for intercom sending; Click to activate voice identifying, press to active speakerphone in conversation
- 12 digital dial numbers
- Message LED (MWI, charging, low battery, missed call)
- Backlit keypad.



Peripheral Interfaces

- Micro USB Interface
- 2.5 mm headset connector
- Bluetooth
- Belt Clip

Radio Frequencies

- 2.4-2.4835 GHz (802.11b, 802.11g, 802.11n)

Transmission Data Rates

- Up to 11Mbps (802.11b), up to 54 Mbps (802.11a/g), up to 72.2 Mbps (802.11n)

Security

- WEP, WPA-Personal, WPA2-Personal, WPA2-Enterprise with 802.1x (EAP-TLS, EAP-FAST, PEAP-MSCHAPv2) with Opportunistic Key Catching (OKC) and Cisco Client Key Management (CCKM)
- Media encryption via Secure Real-Time Protocol (SRTP) Server-based configuration file encryption (AES 128 bit)
- HTTPS secure provisioning

Quality of service

- Wi-Fi standard QoS: including WMM, WMM Power Save and WMM Admission Control,
- IEEE 802.1p/q tagging (VLAN) / DSCP tagging

Codecs

- Full-dyokex hands-free speakerphone with AEC codecs:
- G.711 (A/μ), G.722, G.723, G.726, G.729, ILC, Opus
- DTMF: In-band, Out-of-band, (RFC 2833) and SIP INFO

Management and Provisioning

- FTP, FTPS, TFTP, HTTP or HTTPS
- Centralised user administration
- Provisioning and call server redundancy

Envioronmental

- Operating temperature: 32°-104°F (0°-40°C)
- Storage temperature: -22°-104°F (30°-60°C)

Certifications

- CE, FCC-15 (Class B), RoHS, Broadsoft