# Cordless Wi-Fi IP Phone
## WP810

The WP810 is a portable Wi-Fi IP phone designed to suit a variety of enterprises and vertical market applications, including retail, logistics, medical and security. This basic cordless Wi-Fi phone comes equipped with integrated dual-band 802.11a/b/g/n/ac Wi-Fi, an advanced antenna design and roaming support. By adding 6-hour talk time and HD voice with dual-MICs, the WP810 offers an affordable option and comes equipped with a combination of features, mobility and durability to suit all portable telephony needs.

Dual-band Wi-Fi with efficient antenna design and advanced roaming support

2 SIP accounts, 2 lines

HD voice & dual MIC design with AEC and Noise Shield Technology

Rechargeable 1500mAh battery, 6 hour talk time, 120-hour standby

Configurable button for push-to-talk

Micro USB port and 3.5mm headset jack

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| **Protocol/Standards** | SIP RFC3261, TCP/IP/UDP, RTP/RTCP, HTTP/HTTPS, ARP, ICMP, DNS (A record, SRV, NAPTR), DHCP, SSH, TFTP, NTP, STUN, SIMPLE, 802.1x, TLS, SRTP, IPv6 |
| **Voice Codecs and Capabilities** | Support for G.711μ/a, G.729A/B, G.722 (wide-band), iLBC, Opus, in-band and out-of-band DTMF (In audio, RFC2833, SIP INFO), VAD, CNG, AEC, PLC, AJB, AGC, ANS |
| **Wi-Fi** | Yes, integrated dual-band Wi-Fi 802.11 a/b/g/n/ac (2.4GHz & 5GHz). 802.11k/r/v Supported (WPA2/WPA2-Enterprise). |
| **Wi-Fi Encryption** | WEP, WPA/WPA2, WPA Enterprise |
| **Graphic** | 1.8 inch (128x160) TFT color LCD |
| **Peripherals** | 2 soft keys, dial, hangup, speakerphone, phonebook, backlit keypad, proximity sensor, vibration motor, volume button and navigation keys |
| **Push-to-Talk** | Customizable button for push-to-talk |
| **Auxiliary Ports** | 3.5 mm headset jack, Micro USB port for charging, dual-MIC, dual-color MWI LED |
| **Telephony** | Hold, transfer, forward, 3-way audio conference, call waiting, call log (up to 100 records), downloadable phonebook (XML, up to 500 items) off-hook auto dial, auto answer, flexible dial plan, personalized music ringtones, server redundancy and fail-over, push to talk |
| **Security** | User and administrator level passwords, MD5 and MD5-sess based authentication, 256-bit AES based secure configuration file, SRTP, TLS, 802.1x media access control |
| **HD Audio** | Yes, both on handset and speakerphone with support for wideband audio, HAC supported |
| **QoS** | 802.11e (WMM) and Layer 3 (ToS, DiffServ, MPLS) QoS |
| **Multi-language** | English, Chinese, German, French, Italian, Portuguese, Russian, Spanish, and more |
| **Upgrade/Provisioning** | Firmware upgrade via TFTP/HTTP/HTTPS/FTP/FTPS, mass provisioning using encrypted XML configuration file, manual upload |
| **Power & Green Energy Efficiency** | Universal power adapter included<br>Input: 100-240VAC;  Output: +5VDC, 1A (5W)<br>1500mA Li-ion battery, 120h standby time and 6h talk time |
| **Physical** | Headset dimensions: 158.5 x 50 x 22.5mm<br>Charger cradle dimensions: 81.15 x 75.89 x 36.36mm<br>Handset weight: 120g<br>Handset package weight (not including QIG): 340g |
| **Temperature and Humidity** | Operating Temperature: 0°C to 45°C; Operating Humidity: 10-90% (non-condensing)<br>Storage Temperature: -20°C to 60°C; Storage Humidity: 10%-90% (non-condensing) |
| **Package Contents** | Handset unit, universal power supply, charger cradle, belt clip, 1 Li-ion battery, Quick Start Guide |
| **Compliance** | FCC, CE, RCM, IC |