



## Cordless Wi-Fi IP Phone

### WP822

The WP822 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 business-grade 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 8-hour talk time, HD voice with dual-MICs, and a configurable push-to-talk button, the WP822 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 2000mAh battery, 8 hour talk time, 200-hour standby



Integrated Bluetooth to connect headsets



Configurable button for push-to-talk



Micro USB port and 3.5mm headset jack

<b>Protocol/Standards</b>	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
<b>Voice Codecs and Capabilities</b>	Support for G.711 $\mu$ /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
<b>Wi-Fi</b>	Yes, integrated dual-band Wi-Fi 802.11 a/b/g/n/ac (2.4GHz & 5GHz). 802.11r Supported (WPA2/WPA2-Enterprise).
<b>Wi-Fi Encryption</b>	WEP, WPA/WPA2, WPA Enterprise, WPA3, WPA3-Enterprise
<b>Graphic</b>	2.4 inch (240x320) TFT color LCD
<b>Bluetooth</b>	Yes, integrated
<b>Peripherals</b>	3 soft keys, dial, hang-up, speakerphone, phonebook, backlit keypad, proximity sensor, vibration motor, volume button, navigation keys, and accelerometer supporting configurable gestures
<b>Push-to-Talk</b>	Customizable button for push-to-talk
<b>Auxiliary Ports</b>	3.5 mm headset jack, Micro USB port for charging, dual-MIC, dual-color MWI LED
<b>Telephony</b>	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, LDAP
<b>Security</b>	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
<b>HD Audio</b>	Yes, both on handset and speakerphone with support for wideband audio, HAC supported
<b>QoS</b>	802.11e (WMM) and Layer 3 (ToS, DiffServ, MPLS) QoS
<b>Multi-language</b>	English, Chinese, German, French, Italian, Portuguese, Russian, Spanish, and more
<b>Upgrade/Provisioning</b>	Firmware upgrade via TFTP/HTTP/HTTPS/FTP/FTPS, mass provisioning using encrypted XML configuration file, manual upload
<b>Power &amp; Green Energy Efficiency</b>	Universal power adapter included Input: 100-240VAC; Output: +5VDC, 1A (5W) 2000mA Li-ion battery, 200h standby time and 8h talk time
<b>Physical</b>	Handset dimensions: 164.0 x 52.0 x 25.8mm Charger cradle dimensions: 77.9 x 81.2 x 38.2mm Handset weight: 185.90g Handset package weight (not including QIG): 422.60g
<b>Temperature and Humidity</b>	Operating Temperature: 0°C to 45°C; Operating Humidity: 10-90% (non-condensing) Storage Temperature: -20°C to 60°C; Storage Humidity: 10-90% (non-condensing)
<b>Package Contents</b>	Handset unit, universal power supply, charger cradle, belt clip, 1 Li-ion battery, Quick Start Guide
<b>Compliance</b>	FCC, CE, RCM, IC, UKCA