



## 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

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|--|---|
| <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<br>Input: 100-240VAC; Output: +5VDC, 1A (5W)<br>2000mA Li-ion battery, 200h standby time and 8h talk time  |
| <b>Physical</b>                            | Handset dimensions: 164.0 x 52.0 x 25.8mm<br>Charger cradle dimensions: 77.9 x 81.2 x 38.2mm<br>Handset weight: 185.90g<br>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)<br>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  |