



## Cordless Wi-Fi IP Phone

### WP816

The WP816 is a cordless Wi-Fi IP phone suitable for many enterprise and vertical market applications, including offices, retail, logistics, healthcare, security, and more. This streamlined cordless Wi-Fi phone is equipped with integrated dual band Wi-Fi 6, an advanced antenna design, roaming support, 3-way voice conferencing, and support for the Opus HD voice codec. The WP816 provides 6 hours of talk-time and 120 hours of standby time through a 1500mAh battery. By providing a sleek design, easy-to-use interface, and a variety of practical, customizable features, the WP816 provides mobility and flexibility to all voice solutions.



Dual-band Wi-Fi 6 with efficient antenna design and advanced roaming support



2 SIP accounts, 2 lines



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



Integrated Bluetooth to connect headsets



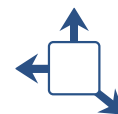
Rechargeable 1500mAh battery, 6 hour talk time, 120-hour standby



Configurable button for push-to-talk



Type C USB port (supports fast charging) and 3.5mm headset jack



Accelerometer, emergency button

|  |   |
|--|---|
| <b>Protocol/Standards</b>                  | SIP RFC3261, DNS (A record, SRV, NATPR), DHCP, SSH, NTP, STUN, LDAP, TR069, SNMP, STRP, RTP/RTCP, RTCP-XR, TFTP, SIMPLE, HTTP/HTTPS, TCP, UDP, TLS, ARP, ICMP, IPv4, IPv6, 802.1x   |
| <b>Voice Codecs and Capabilities</b>       | G.729A/B, G.711 $\mu$ /a-law, G.726, G.722(wide-band), G.723,iLBC, Opus, in-band and out-of-band DTMF (in audio, RFC2833, SIP INFO), VAD, AEC, CNG, PLC, AGC, AJB, Headset Noise Shield   |
| <b>Wi-Fi</b>                               | Yes, integrated dual-band Wi-Fi 6 802.11 a/b/g/n/ac/ax (2.4GHz & 5GHz). 802.11k/r/v Supported   |
| <b>Wi-Fi Encryption</b>                    | Support WEP, WPA, WPA2, WPA3 (personal)   |
| <b>Graphic</b>                             | 1.77 inch (128x160) color LCD, 1 * Dual color MWI   |
| <b>Bluetooth</b>                           | Yes, integrated   |
| <b>Peripherals</b>                         | 2 soft keys, navigation keys, confirm key, dial key, hang up key, speaker key, programmable key, quick access and mute key, backlight DTMF keyboard, volume keys, Push-to-Talk key, accelerometer, proximity sensor   |
| <b>Push-to-Talk</b>                        | Customizable function button for alarm (pending) and paging   |
| <b>Auxiliary Ports</b>                     | 3.5mm headphone interface (CTIA cable sequence), Type-C charging interface (supports fast charging)   |
| <b>Telephony</b>                           | Hold, transfer, forward, 3-way audio conference, call park, downloadable phonebook (XML, LDAP, up to 1000 items), call waiting, call log (up to 200 records), auto answer, click to dial, flexible dial plan, personalized music ringtones, server redundancy and fail-over, push-to-talk |
| <b>Wall Installation</b>                   | Base supports wall installation   |
| <b>Security</b>                            | Ordinary user and administrator level passwords based on MD5 and MD5 sess authentication, SIP authentication algorithms based on SHA-256, SHA-256 sess, SHA-512-256, SHA-512-256 sess, md5 sess. AES security profile, SRTP, TLS call encryption, 802.1x media access control.            |
| <b>HD Audio</b>                            | The earpiece is broadband audio, and the speaker is narrowband audio, supporting HAC and dual Mic.  |
| <b>QoS</b>                                 | Supports Layer 3 QoS (Tos, DiffServ, MPLS, DSCP)  |
| <b>Multi-language</b>                      | Simplified Chinese, Traditional Chinese, English, Arabic, Catalan, Czech, German, Greek, Spanish, French, Hebrew, Croatian, Magyar, Italian, Japanese, Korean, Latvian, Dutch, Polish, Portuguese, Russian, Swedish, Slovenian, Slovak, Turkish, Ukrainian                                |
| <b>Upgrade/Provisioning</b>                | Firmware upgrade via FTP / FTPS / TFTP / HTTP / HTTPS, mass provisioning using GDMS/TR069 or AES encrypted XML configuration file   |
| <b>Power &amp; Green Energy Efficiency</b> | Universal power adapter<br>Input: 100-240VAC; Output:+5VDC, 1A (5W)<br>1500mAh lithium-ion battery, standby time 120h, talk time 6h (laboratory data)   |
| <b>Physical</b>                            | Handset dimensions: 135.00 x 49.00 x 15.5mm<br>Charger cradle dimensions: 85.00 x 85.00 x 25.8mm<br>Handset weight (not including battery): 82g<br>Handset package weight (not including QIG): 389g   |
| <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>                    | WP816 phone, Type-C power adapter, charger base, belt clip, 1 lithium-ion battery, M3 screw, wall bracket, quick installation guide   |
| <b>Compliance</b>                          | FCC, CE, RCM, IC  |