



## Cordless Wi-Fi IP Phone

### WP836

The WP836 is a ruggedized cordless Wi-Fi IP phone suitable for many enterprise and vertical market applications, including offices, retail, logistics, healthcare, security, and more. This high-end cordless Wi-Fi phone is equipped with integrated dual band Wi-Fi 6, an advanced antenna design, roaming support, 4-way voice conferencing, AI-based noise reduction, and support for the Opus HD voice codec. The WP836 provides 10 hours of talk-time and 240 hours of standby time through a 3000mAh battery to drive employee productivity. Withstand any weather environment thanks to the IP69K weatherproof design which provides exceptional waterproof and dustproof performance. By providing a sleek design, easy-to-use interface, and a variety of practical, customizable features, the WP836 provides mobility and flexibility to all voice solutions.



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



3 SIP accounts, 3 lines, 4 conferences



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



Integrated Bluetooth to connect headsets, Type C USB port (fast charging)



Rechargeable 3000mAh battery, 10 hour talk time, 240-hour standby



Configurable button for Push-to-Talk



Alarm functions include: push-button, man-down, no-movement, running, ambient-sound



IP69K Rated -Water-proof, dust-proof, cleaning chemical resistant, antibacterial casing

|  |   |
|--|---|
| <b>Protocol/Standards</b>                  | SIP RFC3261, DNS (A record, SRV, NATPR), DHCP, SSH, NTP, STUN, LDAP, TR069, SRTP, 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, Noise Shield  |
| <b>Video Codec</b>                         | H.264   |
| <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, 2T2R Supported   |
| <b>Wi-Fi Encryption</b>                    | Supports WEP, WPA, WPA2, WPA3 (Enterprise)  |
| <b>Graphic</b>                             | 2.8 inch (240x320) color LCD, 1 * Dual color MWI  |
| <b>Bluetooth</b>                           | Yes, Integrated   |
| <b>Peripherals</b>                         | 3 soft keys, navigation keys, confirm key, dial key, hang up key, speaker key, quick access and mute key, backlight DTMF keyboard, volume keys, Push-to-Talk key, accelerometer, proximity sensor, vibration  |
| <b>Push-to-Talk</b>                        | Customizable function buttons such as Alarm and Paging.   |
| <b>Auxiliary Ports</b>                     | Type-C charging interface (supports fast charging)  |
| <b>Telephony</b>                           | Hold, transfer, forward, 4-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 SHA-256 and SHA-256 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 handset is broadband 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, Ukraina                                  |
| <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, 2A (10W)<br>3000mAh lithium-ion battery, standby time 240h, talk time 10h (laboratory data)   |
| <b>Physical</b>                            | Handset dimensions: 155 x 62 x 19mm<br>Charger cradle dimensions: 95 x 95 x 30.5mm<br>Handset weight (not including battery): 158g<br>Handset package weight (not including QIG): 616g  |
| <b>Weatherproof</b>                        | IP69K Rated Water-proof, dust-proof, cleaning chemical resistant, antibacterial casing and 2.0m drop safe   |
| <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>                    | WP836 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  |