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 IP67 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

IP67 Rated -Water-proof, dust-proof, cleaning chemical resistant, antibacterial casing

Protocol/Standards	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
Voice Codecs and Capabilities	G.729A/B, G.711µ/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
Wi-Fi	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
Wi-Fi Encryption	Supports WEP, WPA, WPA2, WPA3 (personal)
Graphic	2.8 inch (240x320) color LCD, 1 * Dual color MWI
Bluetooth	Yes, Integrated
Peripherals	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
Push-to-Talk	Customizable function buttons such as Alarm and Paging.
Auxiliary Ports	Type-C charging interface (supports fast charging)
Telephony	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
Wall Installation	Base supports wall installation
Security	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.
HD Audio	The handset is broadband audio, supporting HAC and dual Mic.
QoS	Supports Layer 3 QoS (Tos, DiffServ, MPLS, DSCP).
Multi-language	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, Ukrainia
Upgrade/Provisioning	Firmware upgrade via FTP / FTPS / TFTP / HTTP / HTTPS, mass provisioning using GDMS/TR069 or AES encrypted XML configuration file
Power & Green Energy Efficiency	Universal power adapter Input: 100-240VAC; Output:+5VDC, 2A (10W) 3000mAh lithium-ion battery, standby time 240h, talk time 10h (laboratory data)
Physical	Handset dimensions: 155 x 62 x 19mm Charger cradle dimensions: 95 x 95 x 30.5mm Handset weight (not including battery): 158g Handset package weight (not including QIG): 616g
Weatherproof	IP67 Rated Water-proof, dust-proof, cleaning chemical resistant, antibacterial casing and 2.0m drop safe
Temperature and Humidity	Operating Temperature: 0ºC to 45ºC; Operating Humidity: 10-90% (non-condensing) Storage Temperature: -20ºC to 60ºC; Storage Humidity: 10-90% (non-condensing)
Package Contents	WP836 phone, Type-C power adapter, charger base, belt clip, 1 lithium-ion battery, M3 screw, wall bracket, quick installation guide
Compliance	FCC, CE, RCM, IC