GRANDSTREAM
CONNECTING THE WORLD

Cordless Wi-Fi IP Phone

WP826

The WP826 is a 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, and support for the Opus HD voice codec. The WP826 provides 12 hours of talk-time and 240 hours of standby time through a 3000mAh battery to drive employee productivity. By providing a sleek design, easy-to-use interface, and a variety of practical, customizable features, the WP826 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

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

Integrated Bluetooth to connect headsets

Rechargeable 3000mAh battery, 12 hour talk time, 240-hour standby

Configurable button for push-to-talk

Type C USB port (supports fast charging)
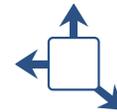
Accelerometer, emergency button

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, Headset Noise Shield
Video Codec	H.264
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
Wi-Fi Encryption	Supports WEP, WPA, WPA2, WPA3 (enterprise)
Graphic	2.4 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, vibration
Push-to-Talk	Customizable function button for 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 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.
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, Ukrainian
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 12h (laboratory data)
Antibacterial Casing	Antibacterial Casing according to ISO 22196:2011 testing
Physical	Handset dimensions: 148.00 x 53.00 x 17mm Charger cradle dimensions: 85.00 x 85.00 x 25.8mm Handset weight (not including battery): 101g Handset package weight (not including QIG): 451g
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	WP826 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