GRANDSTREAM
CONNECTING THE WORLD

Cordless Wi-Fi IP Phone

WP810

The WP810 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 basic cordless 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 6-hour talk time and HD voice with dual-MICs, the WP810 offers an affordable option and 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 1500mAh battery, 6 hour talk time, 120-hour standby

Configurable button for push-to-talk

Micro USB port and 3.5mm headset jack

Protocol/Standards	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
Voice Codecs and Capabilities	Support for G.711μ/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
Wi-Fi	Yes, integrated dual-band Wi-Fi 802.11 a/b/g/n/ac (2.4GHz & 5GHz)
Wi-Fi Encryption	WEP, WPA/WPA2, WPA Enterprise
Graphic	1.8 inch (128x160) TFT color LCD
Peripherals	2 soft keys, dial, hangup, speakerphone, phonebook, backlit keypad, proximity sensor, vibration motor, volume button and navigation keys
Push-to-Talk	Customizable button for push-to-talk
Auxiliary Ports	3.5 mm headset jack, Micro USB port for charging, dual-MIC, dual-color MWI LED
Telephony	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
Security	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
HD Audio	Yes, both on handset and speakerphone with support for wideband audio, HAC supported
QoS	802.11e (WMM) and Layer 3 (ToS, DiffServ, MPLS) QoS
Multi-language	English, Chinese, German, French, Italian, Portuguese, Russian, Spanish, and more
Upgrade/Provisioning	Firmware upgrade via TFTP/HTTP/HTTPS/FTP/FTPS, mass provisioning using encrypted XML configuration file, manual upload
Power & Green Energy Efficiency	Universal power adapter included Input: 100-240VAC; Output: +5VDC, 1A (5W) 1500mA Li-ion battery, 120h standby time and 6h talk time
Physical	Headset dimensions: 158.5 x 50 x 22.5mm Charger cradle dimensions: 81.15 x 75.89 x 36.36mm Handset weight: 120g Handset package weight (not including QIG): 340g
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	Handset unit, universal power supply, charger cradle, belt clip, 1 Li-ion battery, Quick Start Guide
Compliance	FCC, CE, RCM, IC