



## Enterprise Portable Wi-Fi Phone Grandstream WP820

The WP820 is a portable Wi-Fi phone designed to suit a variety of enterprises and vertical market applications, including retail, logistics, medical and security. This powerful, portable Wi-Fi phone comes equipped with integrated dual-band 802.11a/b/g/n Wi-Fi support, advanced antenna design and roaming support, and integrated Bluetooth for pairing with headsets and mobile devices. By adding 7.5 hour talk time and HD voice with dual-MICs, the WP820 offers a powerful combination of features, mobility and durability to suit all portable telephony needs.



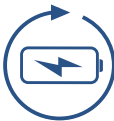
Dual-band Wi-Fi with efficient antenna design and advanced roaming support



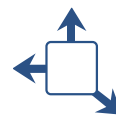
Bluetooth for syncing headsets and mobile devices (contacts and call transferring)



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



Rechargeable 1500mAh battery, 7.5 hour talk time, 150-hour standby



Accelerometer and configurable button for push-to-talk, panic and other related functions



Micro USB port and 3.5mm headset jack



2 SIP accounts, 2 lines



Supports custom Android \*apps that fit the phone's screen/keys



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<b>Protocol/Standards</b>	SIP RFC3261, TCP/IP/UDP, RTP/RTCP, HTTP/HTTPS, ARP, ICMP, DNS (A record, SRV, NAPTR), DHCP, SSH, TFTP, NTP, STUN, SIMPLE, LDAP, TR-069, 802.1x, TLS, SRTP, IPv6
<b>Voice Codex and Capabilities</b>	Support for G.711 $\mu$ /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, AJP, AGC, ANS
<b>Wi-Fi</b>	Yes, integrated dual-band Wi-Fi 802.11 a/b/g/n (2.4GHz & 5GHz)
<b>Wi-Fi Encryption</b>	WEP, WPA/WPA2, WPA Enterprise
<b>Graphic</b>	2.4 inch (240x320) TFT color LCD
<b>Peripherals</b>	3 soft keys, dial, hangup, speakerphone, phonebook, backlit keypad, proximity sensor, accelerator, vibration motor, volume button and navigation keys
<b>Push-to-Talk</b>	Customizable button for push-to-talk, panic call and other related functions
<b>Bluetooth</b>	Yes, Bluetooth 4.2
<b>Auxiliary Ports</b>	3.5 mm headset jack, Micro USB port for charging , dual-MIC, dual-color LED
<b>Telephony</b>	Hold, transfer, forward, 3-way audio conference, downloadable phonebook (XML, LDAP, up to 1000 items), call waiting, call log (up to 100 records), off-hook auto dial, auto answer, click-to-dial, flexible dial plan, hot desking, personalized music ring-tones and music on hold, server redundancy and fail-over, push to talk
<b>Operating System</b>	Android 7.0, supports custom Android apps that fit the phone's screen/keyboard <i>*When using Android applications, limitations may apply. No touch-screen available, only physical-key browsing on small LCD 320x240 screen.</i>
<b>Security</b>	User and administrator level passwords, MD5 and MD5-session based authentication, 256-bit AES based secure configuration file, SRTP, TLS, 802.1x media access control
<b>HD Audio</b>	Yes, both on handset and speakerphone with support for wideband audio, HAC supported
<b>QoS</b>	802.11e (WMM) and Layer 3 (ToS, DiffServ, MPLS) QoS
<b>Multi-language</b>	English, Arabic, Chinese, Czech, Dutch, German, French, Hebrew, Italian, Japanese, Polish, Portuguese, Russian, Spanish, Turkish and more
<b>Upgrade/Provisioning</b>	Firmware upgrade via TFTP/HTTP/HTTPS, mass provisioning using TR-069 or encrypted XML configuration file, manual upload, USB upgrade
<b>Power &amp; Green Energy Efficiency</b>	Universal power adapter included Input: 100-240VAC; Output: +5VDC, 1A (5W) 1500mA Li-ion battery, 150h standby time and 7.5h talk time
<b>Physical</b>	Headset dimensions: 168.5 x 52.5 x 21.8mm Charger cradle dimensions: 76 x 73 x 81mm Handset weight: 161g Handset package weight (not including QIG): 456g
<b>Compliance</b>	FCC, CE, RCM, EAC
<b>Temperature and Humidity</b>	Operating Temperature: 0°C to 45°C; Operating Humidity: 10-90% (non-condensing) Storage Temperature: -20°C to 60°C; Storage Humidity: 10%-90% (non-condensing)
<b>Package Contents</b>	Handset unit, universal power supply, charger cradle, belt clip, 1 Li-ion battery, Quick Start Guide
<b>Durability</b>	Drop-safe from 1.2 meter height