



Enterprise Portable Wi-Fi Phone Grandstream WP820



Protocol/Standards	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
Voice Codex 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, AFB, AGC, ANS
Wi-Fi	Yes, integrated dual-band Wi-Fi 802.11 a/b/g/n (2.4GHz & 5GHz)
Wi-Fi Encryption	WEP, WPA/WPA2, WPA Enterprise
Graphic	2.4 inch (240x320) TFT color LCD
Peripherals	3 soft keys, dial, hangup, speakerphone, phonebook, backlit keypad, proximity sensor, accelerator, vibration motor, volume button and navigation keys
Push-to-Talk	Customizable button for push-to-talk, panic call and other related functions
Bluetooth	Yes, Bluetooth 4.2
Auxiliary Ports	3.5 mm headset jack, Micro USB port for charging , dual-MIC, dual-color LED
Telephony	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
Operating System	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>
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, Arabic, Chinese, Czech, Dutch, German, French, Hebrew, Italian, Japanese, Polish, Portuguese, Russian, Spanish, Turkish and more
Upgrade/Provisioning	Firmware upgrade via TFTP/HTTP/HTTPS, mass provisioning using TR-069 or encrypted XML configuration file, manual upload, USB upgrade
Power & Green Energy Efficiency	Universal power adapter included Input: 100-240VAC; Output: +5VDC, 1A (5W) 1500mA Li-ion battery, 150h standby time and 7.5h talk time
Physical	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
Compliance	FCC, CE, RCM, EAC
Temperature and Humidity	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)
Package Contents	Handset unit, universal power supply, charger cradle, belt clip, 1 Li-ion battery, Quick Start Guide
Durability	Drop-safe from 1.2 meter height